

Horizontal Fusion Person Specification



**Department of Defense Assistant Secretary of Defense for
Networks and Information Integration/DOD CIO**

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Revision Sheet

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| | | |

HORIZONTAL FUSION

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1.0 Overview

The Horizontal Fusion (HF) portfolio members recognized the need to standardize biographic/biometric data exchange standards to enhance knowledge discovery/mining by specific portfolio participants. In an attempt to facilitate the flow of biographic/biometric information we have leveraged the ongoing efforts of Intelligence Community Metadata Working Group (ICMWG) and others in the intelligence community in order to meet this goal.

The person spec will allow, through the use of Federated Search, a relational database and a visualization tool, the user to discover relationships and linkages to other critical intelligence. As we continue to expand upon the spec and integrate it with other ongoing efforts this utility will grow exponentially.

The person specification is an Extensible Markup Language (XML) Schema which is suitable for transport between systems using web services. The remainder of the document provides information on its intended usage and documentation for each available element and attribute.

2.0 Assumptions

The following assumptions have been made with regards to the person specification:

1. Person specification XML instance documents will be passed back and forth between systems using web services.
2. The person specification will use the Federated Search as an underlying transport for general purpose person queries. The person specification XML instance documents will be returned under the 'any' element in the result schema.
3. The person specification is intended to be compatible with the Terrorist Watchlist Person Data Exchange Standard (TWPDES) produced by the ICMWG. The XML Schema for that specification was not available at the time this specification was written so this specification may be updated in the future to maintain compatibility.

3.0 Use-Cases

The Use Case presented here involves a relational database, a visualization tool, and Federated Search. The use case is depicted in Figure 3-1 and is explained in the following steps:

1. A user fills out the Bio tab and submits a query to the Federated Search engine. The query will contain select elements from the person specification to be used as selection criteria.
2. The Federated Search engine will route person queries to all registered Person Data Providers.
3. Person Data Providers will return results to the Federated Search engine using standard Distributed Data Management System (DDMS) result formatting, but will contain all person details under the ‘any’ tag in the result metadata. The person details will be an XML instance which conforms to the person specification.
4. The Federated Search engine will return results to the end user depicting results using data from the person specification.
5. If a user clicks on ‘Visualize,’ the Person Visualization display will be brought up.
6. The visualization tool will send a query request to the relational database to get relationship information based on the selected person.
7. The relational database will return the results in the person specification format which will in turn be displayed by the visualization tool.

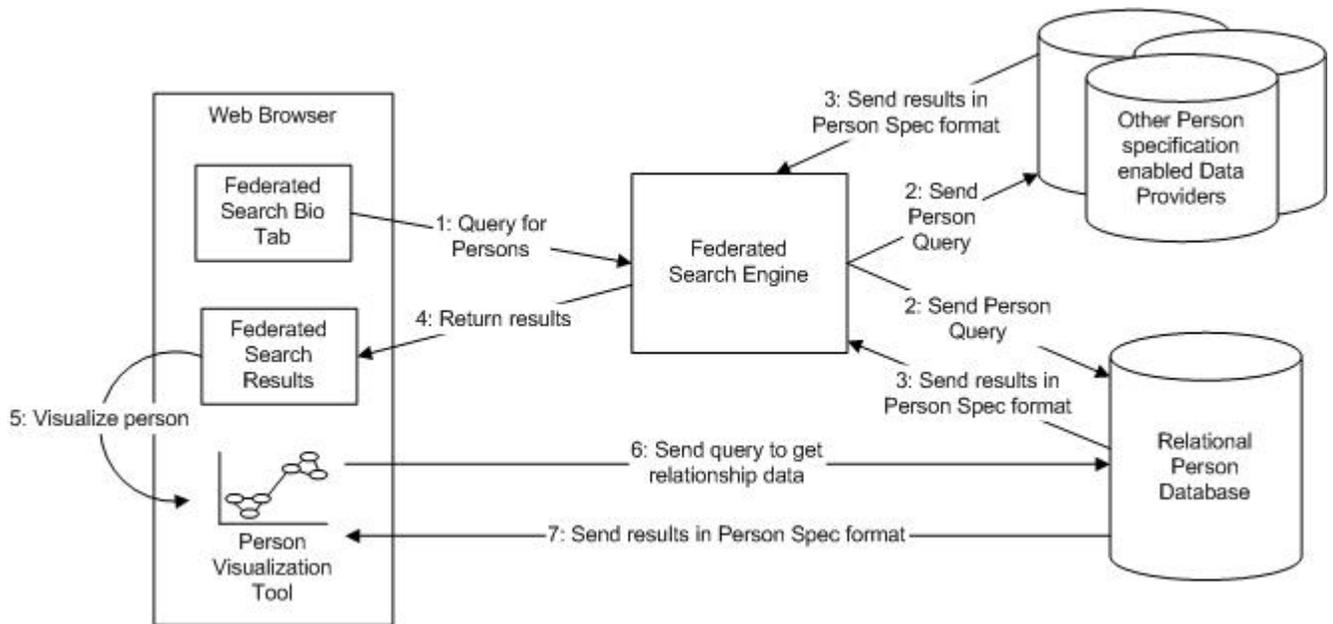


Figure 3-1. Use case for data exchange using Person Specification



4.0 Next Steps

The Defense Intelligence Agency Virtual Knowledge Base (DIA VKB) Program Management Office is in contact with the DoD MDR (Department of Defense Metadata Registry) to register as the Biographic Namespace Manager. Currently we are under a developmental namespace status and are putting together a plan to move forward and become operational.

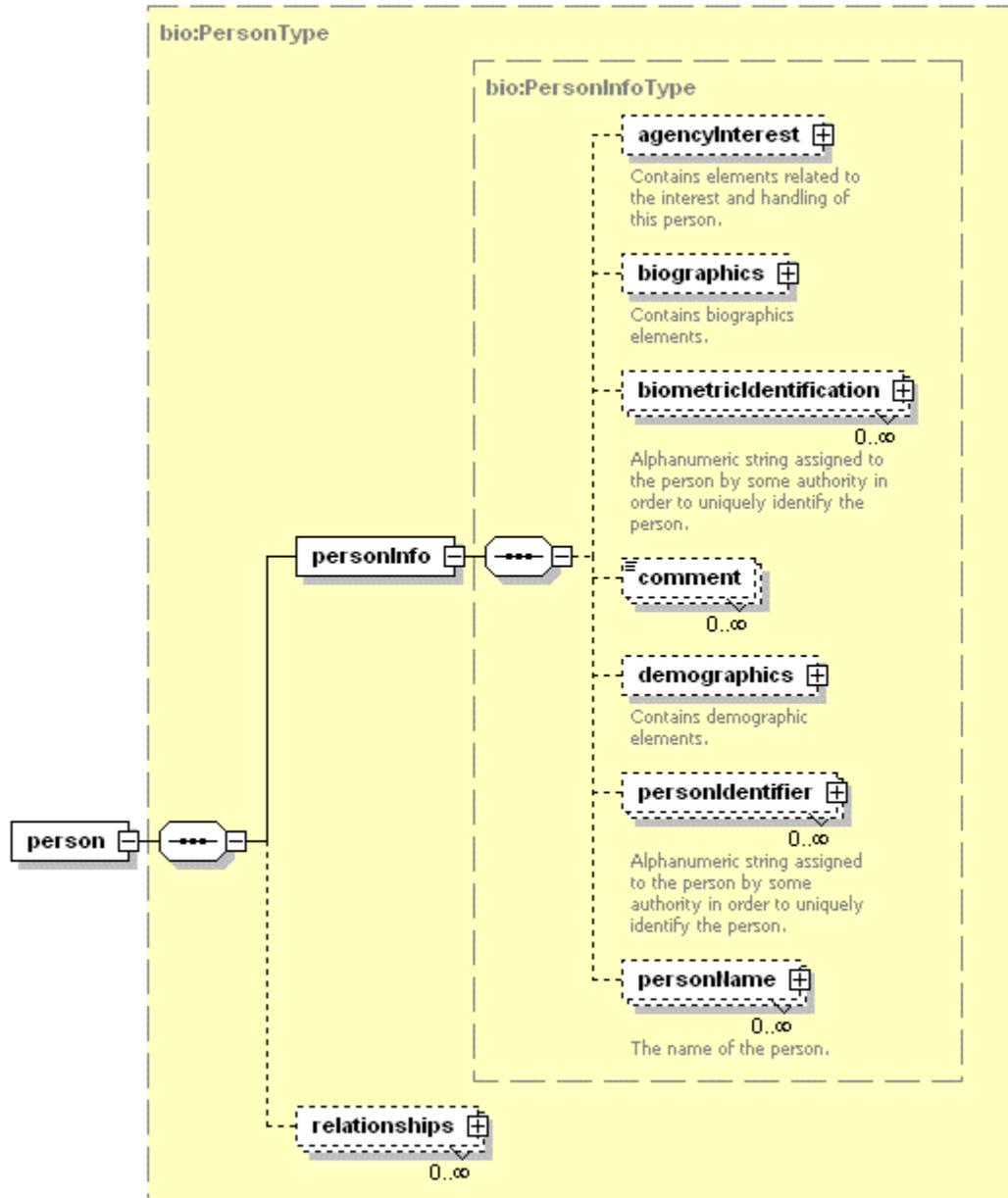
We intend to take what we have done with the HF person spec and build upon it by leveraging the biographic work within DIA, Defense Threat Reduction Agency (DTRA), Central Intelligence Agency (CIA), and other transnational issue brokers working counterintelligence, combating terrorism, pol/mil leaders, criminal, and counter-proliferation, as well as Human Intelligence (HUMINT) biographic collection integration.

5.0 References

- “Terrorist Watchlist Person Data Exchange Standard”, Doug Whall and ICMWG, Feb 19, 2004.
- “Virtual Knowledge Base Database Design Description”, Defense Intelligence Agency, Jan 20, 2004.

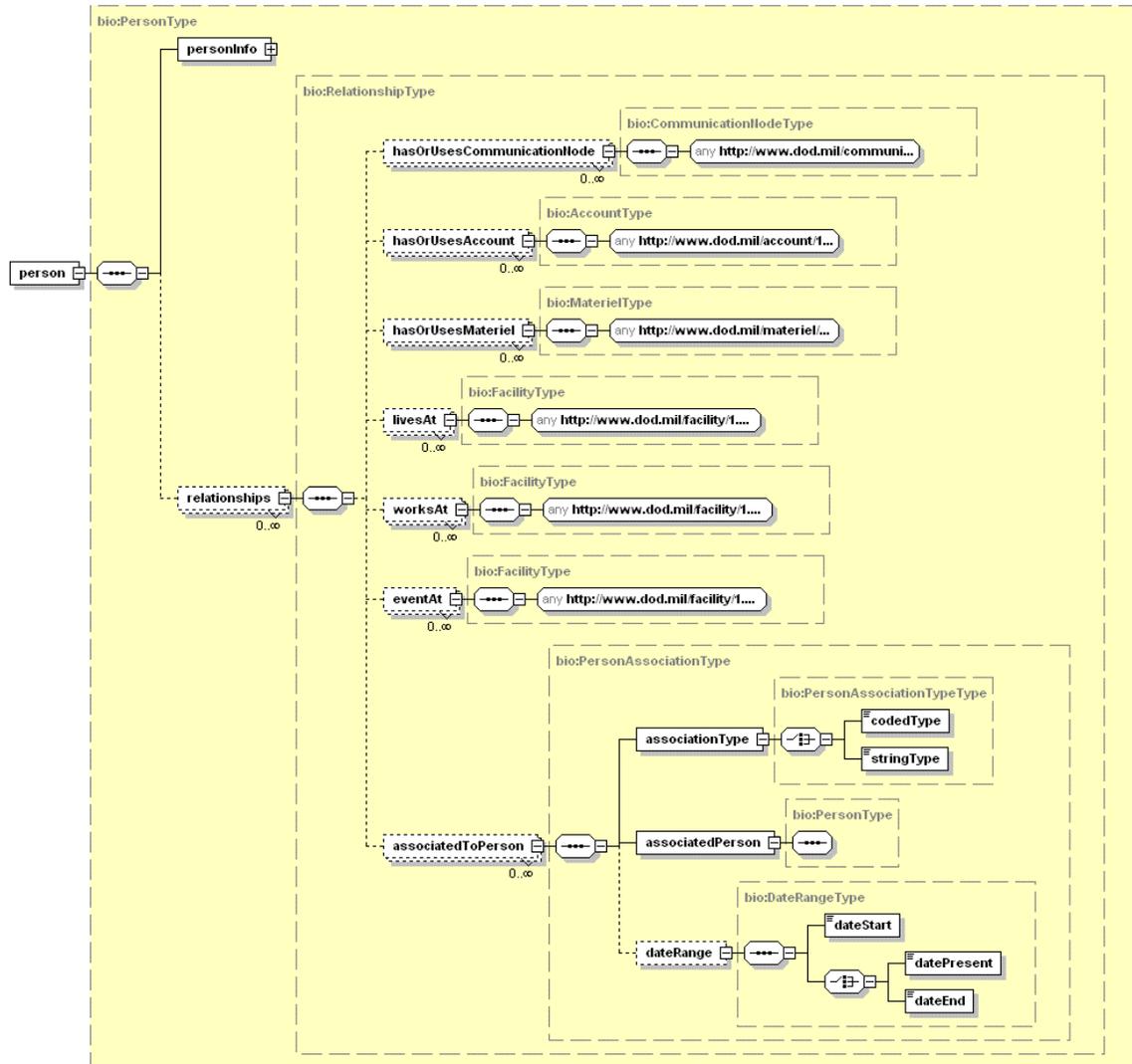
6.0 Appendix A: XML Schemas – Image Captures

6.1 Person Schema



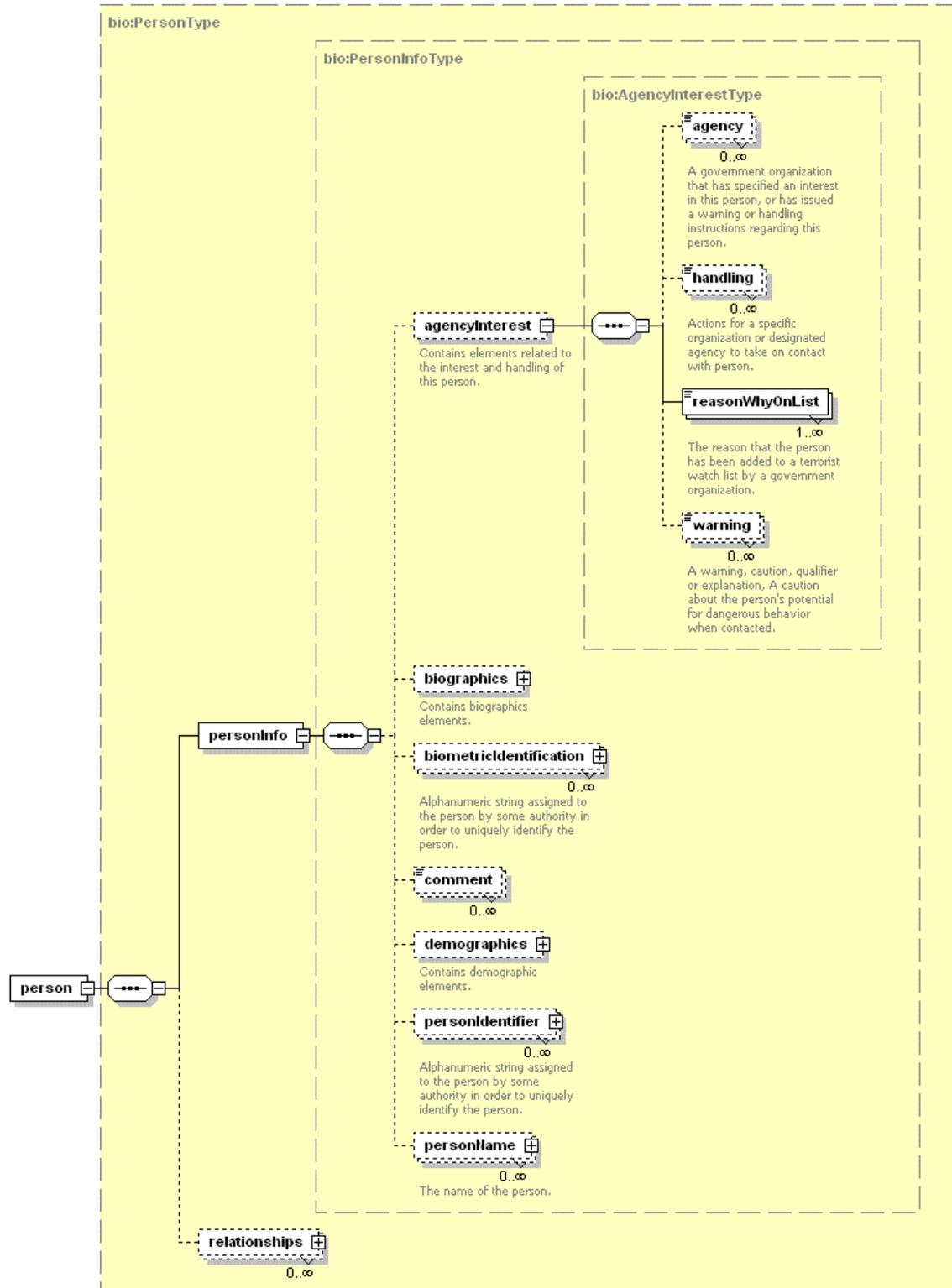
Generated with XMLSpy Schema Editor www.xmlspy.com

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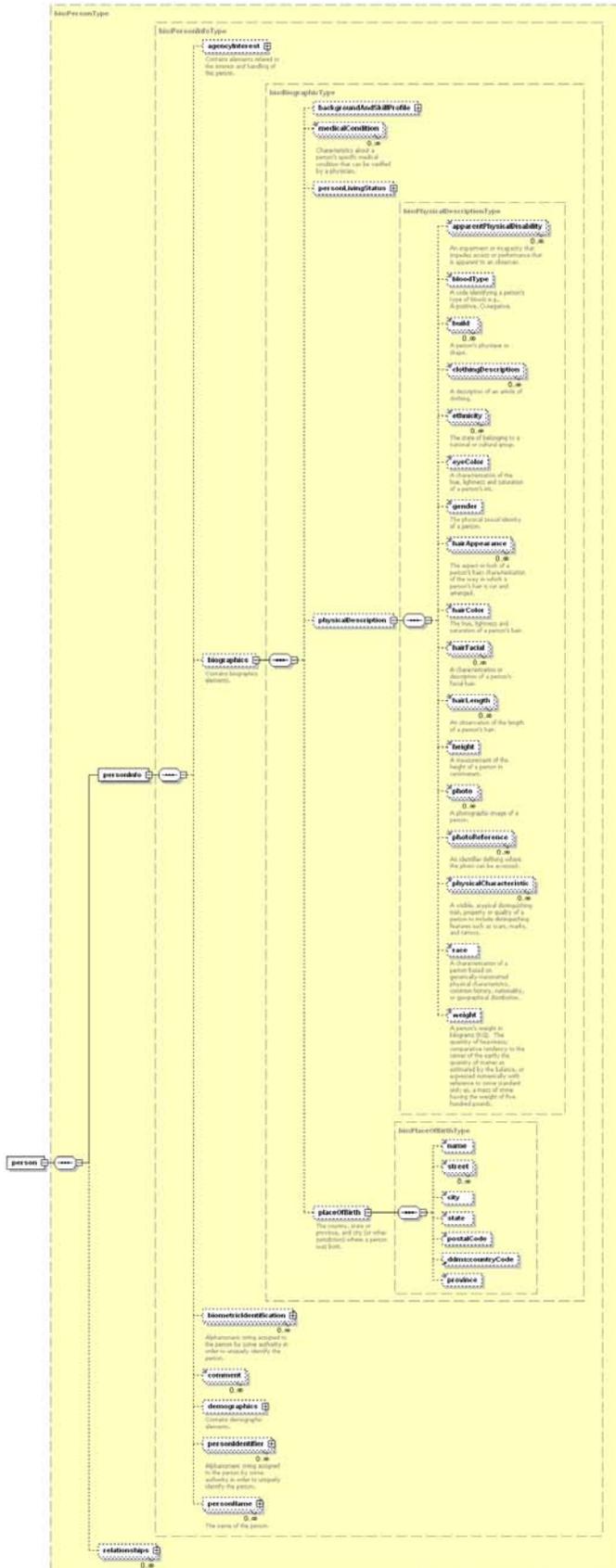


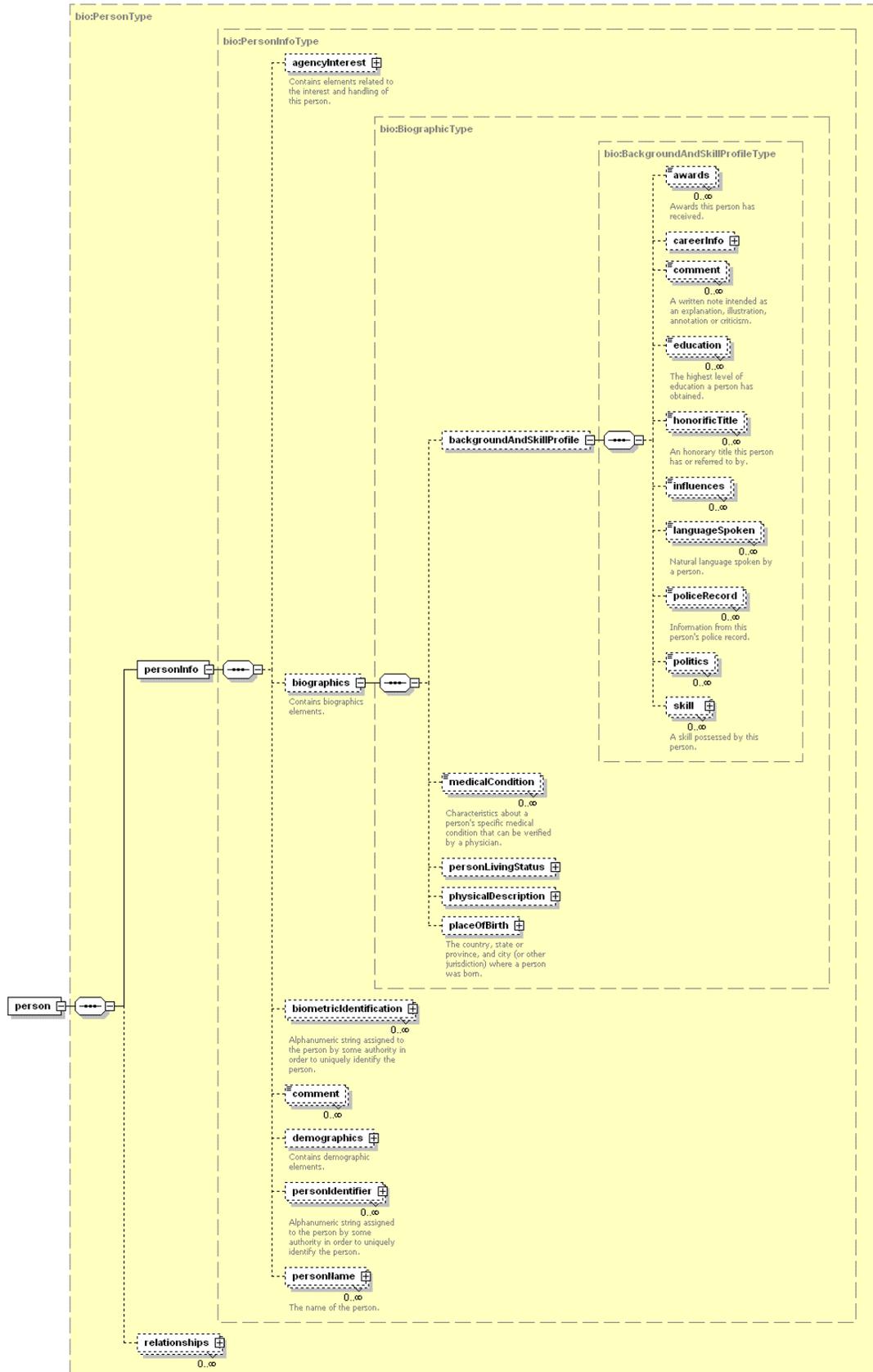
Generated with XMLSpy Schema Editor www.xmlspy.com

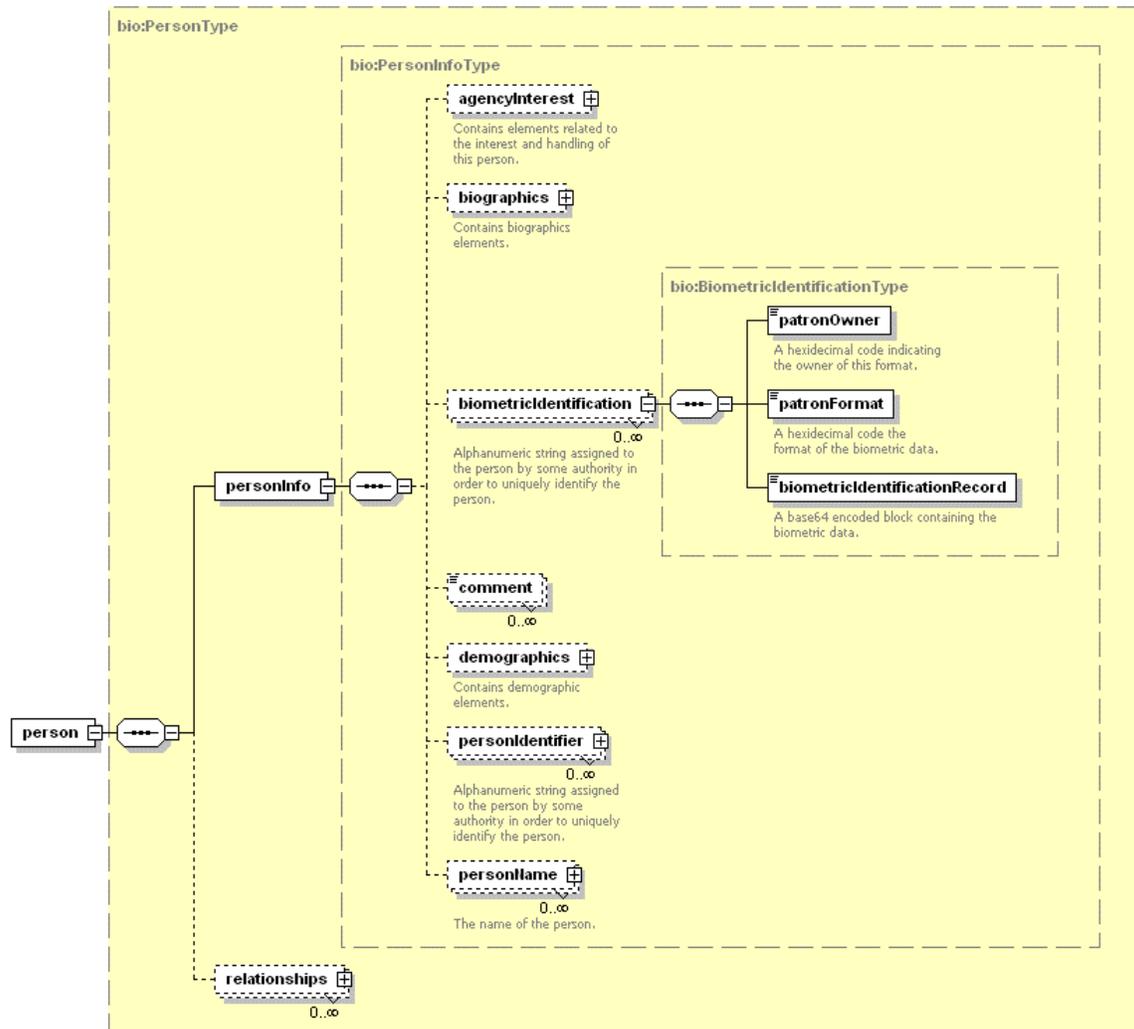
HORIZONTAL FUSION

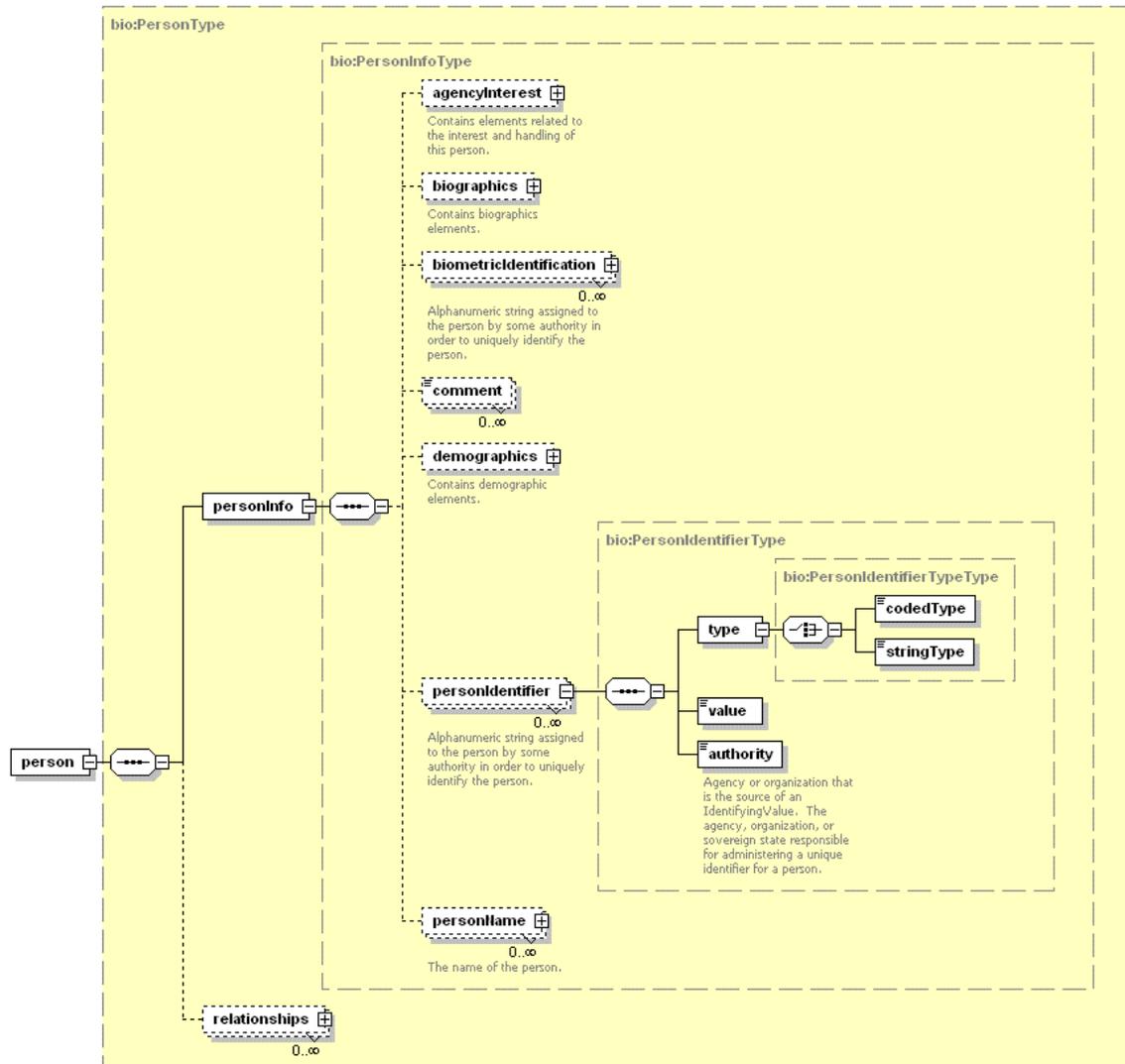




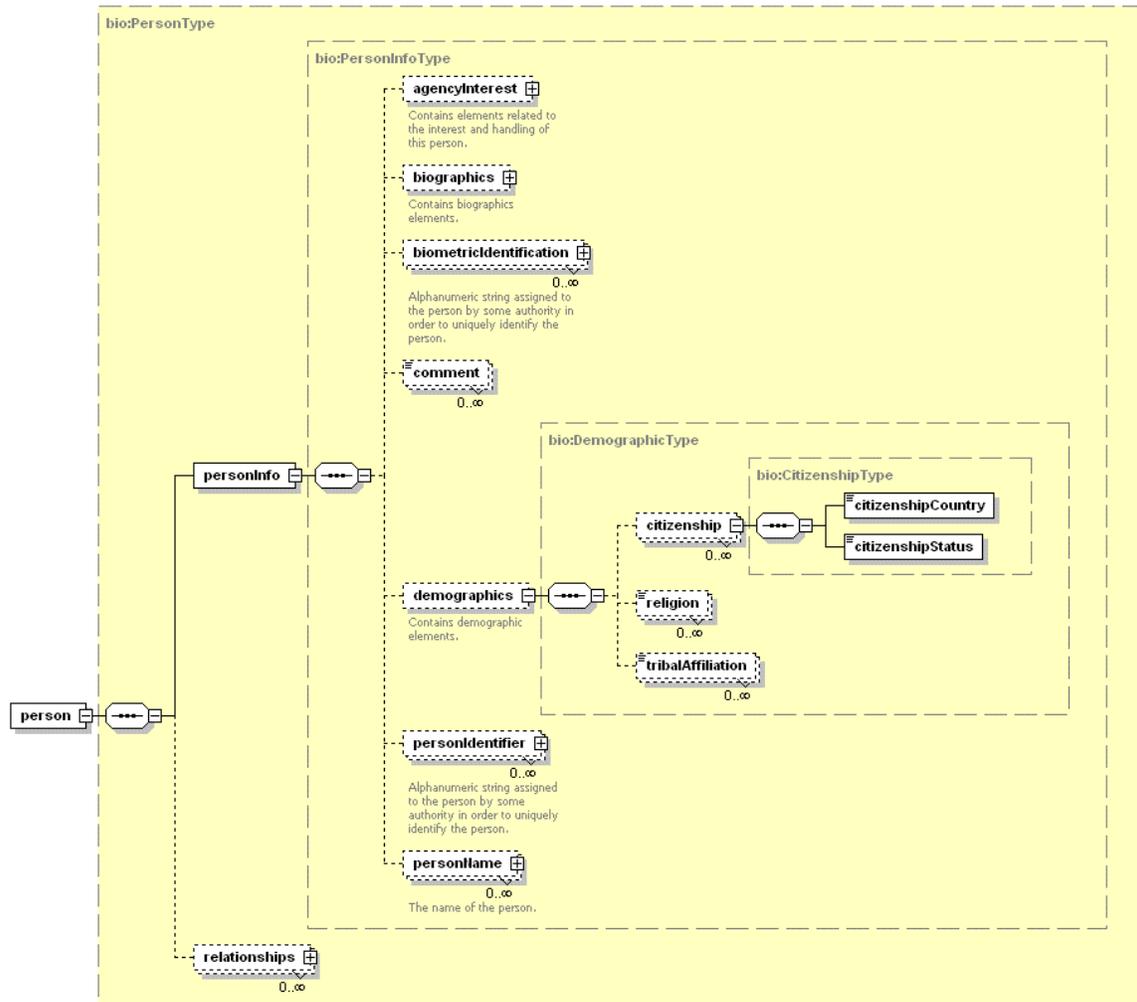






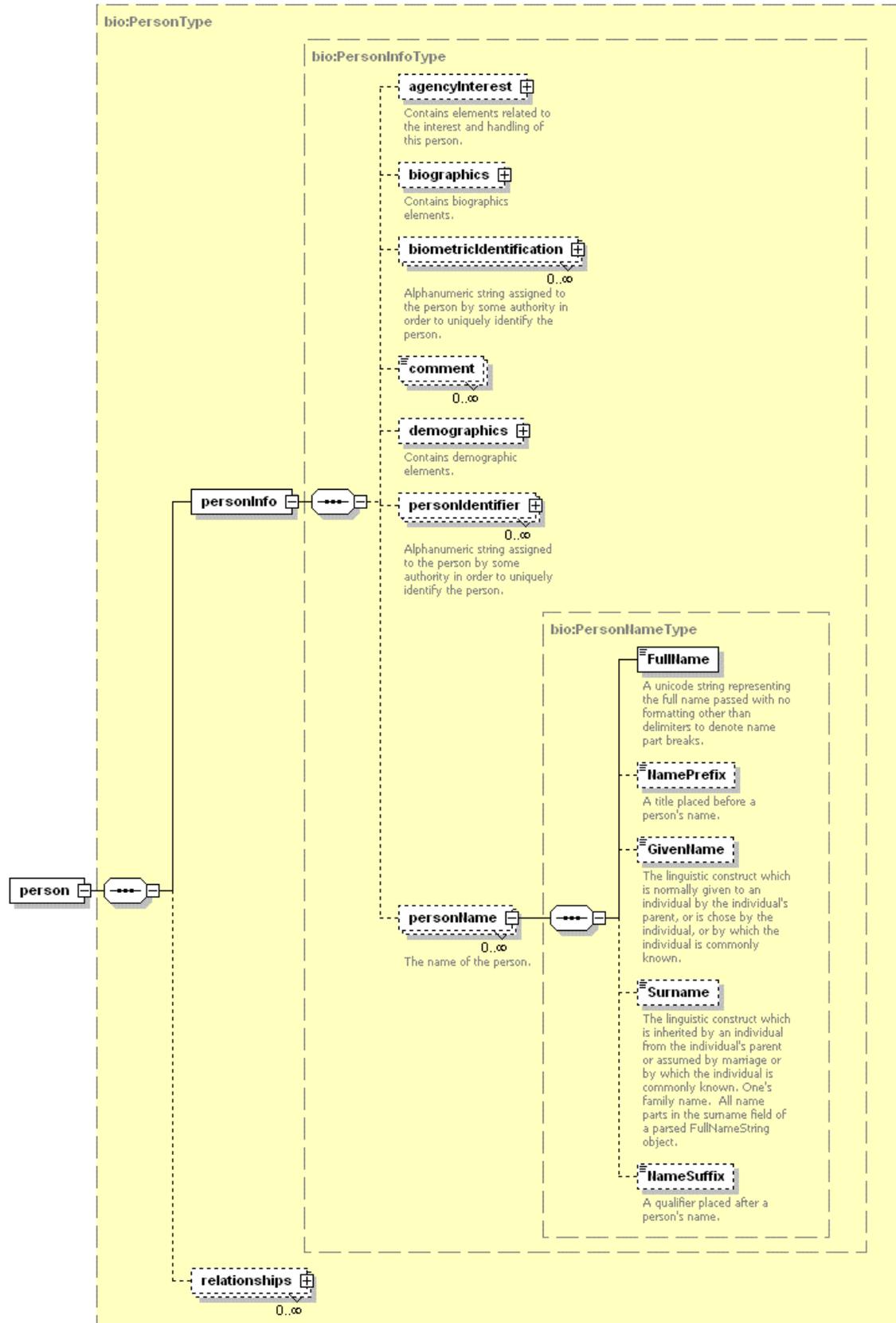


HORIZONTAL FUSION

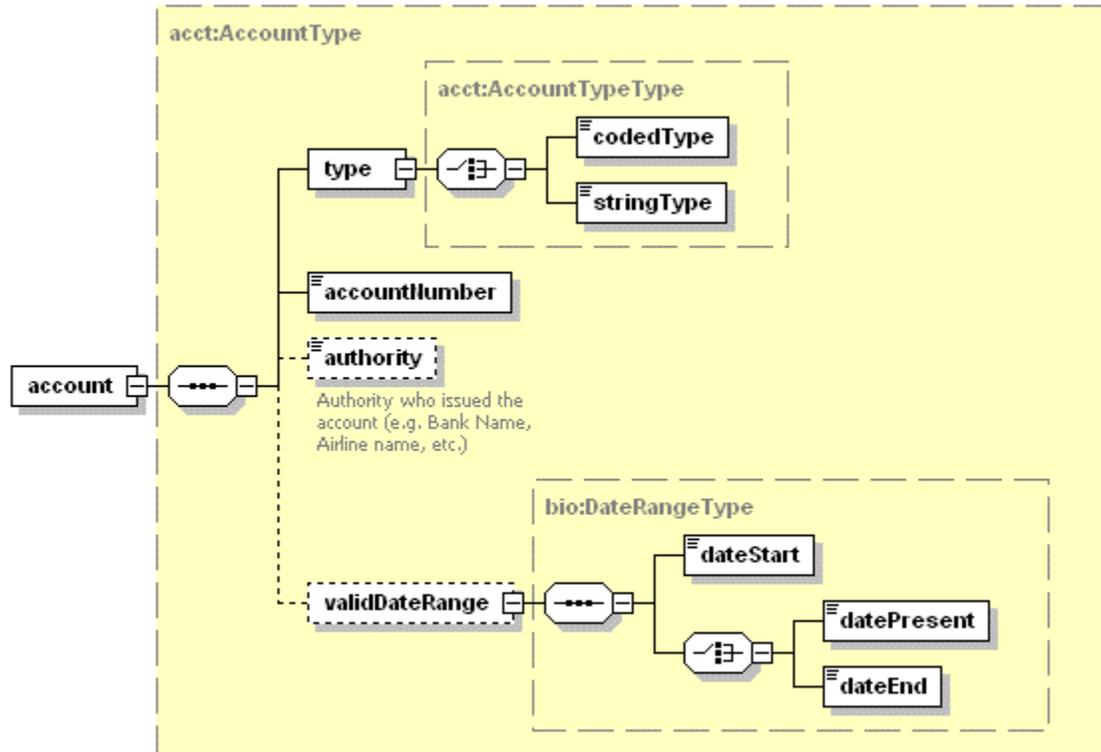


Generated with XMLSpy Schema Editor www.xmlspy.com

HORIZONTAL FUSION

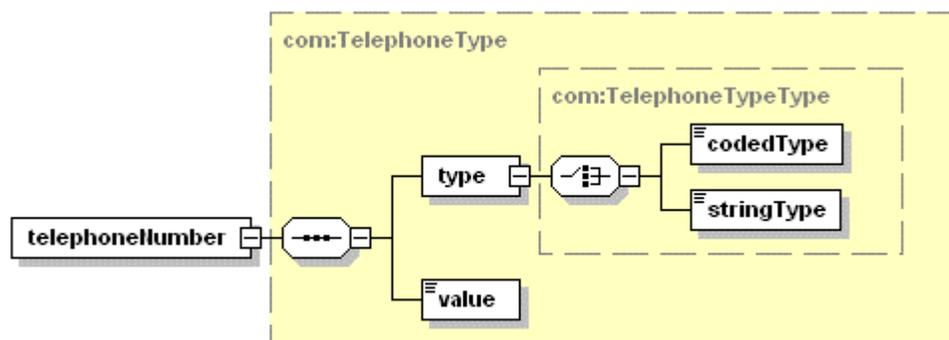



6.2 Account Schema



Generated with XMLSpy Schema Editor www.xmlspy.com

6.3 Communications Node Schema

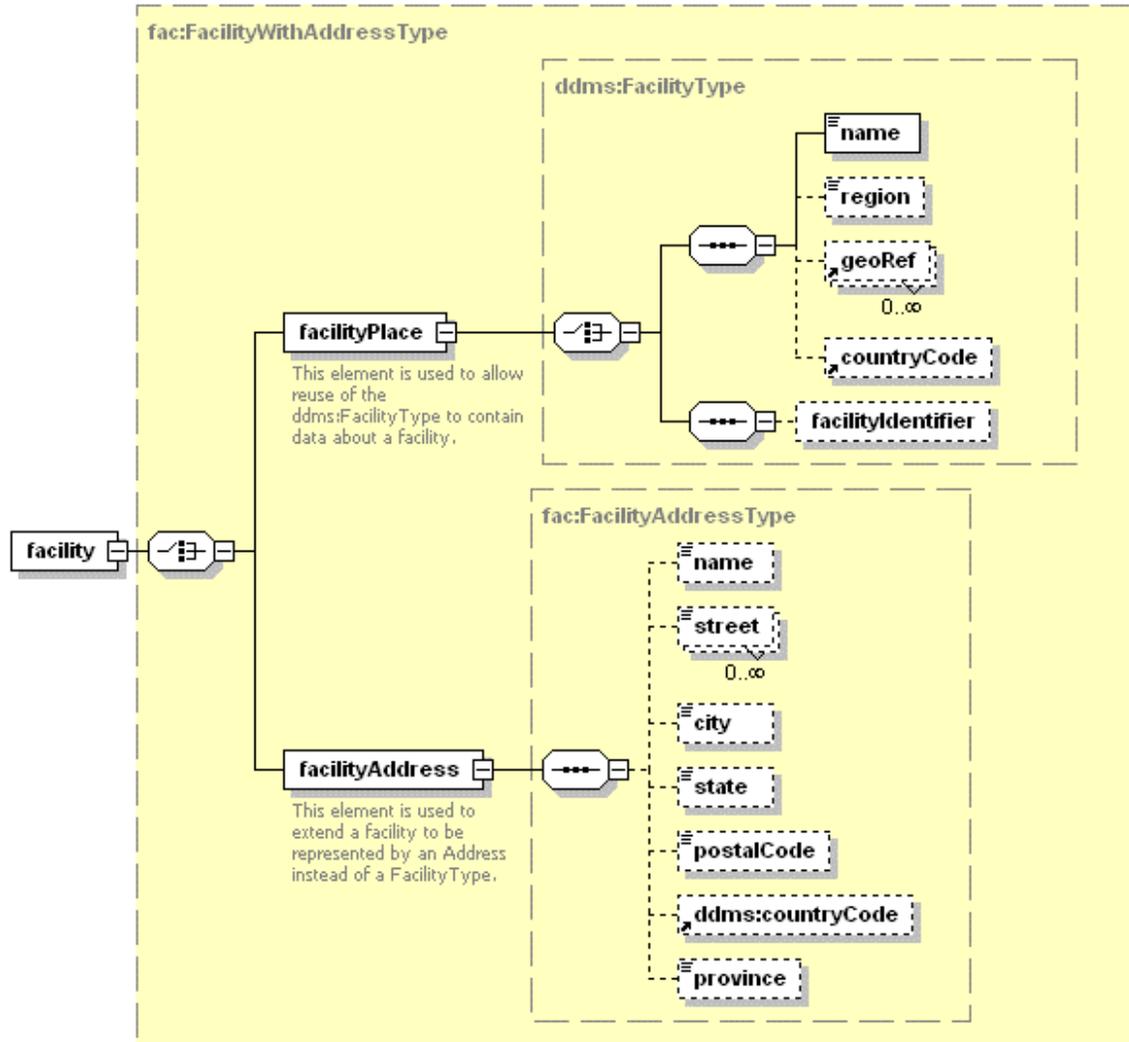


Generated with XMLSpy Schema Editor www.xmlspy.com

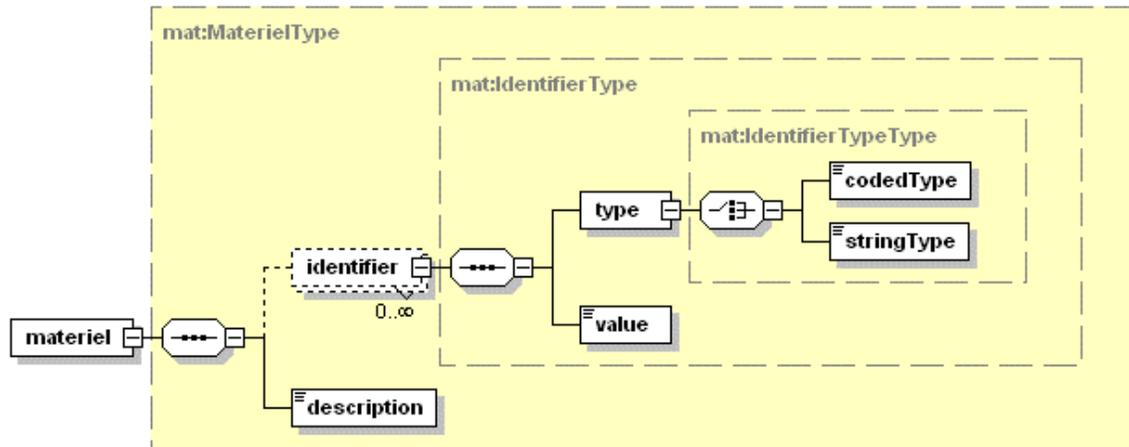
`emailAddress`

Generated with XMLSpy Schema Editor www.xmlspy.com

6.4 Facility Schema



6.5 Materiel Schema



Generated with XMLSpy Schema Editor www.xmlspy.com

7.0 Appendix B: XML Schemas – Raw

7.1 Person Schema

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v5 rel. 4 U (http://www.xmlspy.com) by Eric Monk
(McDonald Bradley, Inc) -->
<!--DOCTYPE schema PUBLIC "-//W3C/DTD XML Schema Version 1.0//EN"
"http://www.w3.org/TR/2000/WD-xmlschema-1-20000225/structures.dtd"-->
<!-- Created by McDonald Bradley, Inc. for the Defense Intelligence Agency -->
<!-- Author: Eric Monk (McDonaldbradley) -->
<!-- Contributor: Jay Hess (McDonald Bradley) -->
<!-- Contributor: Danny Proko (McDonald Bradley) -->
<!-- Contributor: Becky Smith (McDonald Bradley) -->
<!-- Contributor: Mike Broderick (McDonald Bradley) -->
<!-- Contributor: Mark Joncas (McDonald Bradley) -->
<!-- Contributor: Brad Johnson (NORA) -->
<!-- Contributor: Stacy Friedman (NORA) -->
<!-- Contributor: Alexei Nazario (NORA) -->
<!-- Contributor: Daniel Haug (VID) -->
<!-- Contributor: Dave Haug (VID) -->
<!-- Version 1.0.0 $Revision: 1.0 $ -->
<xsd:schema targetNamespace="http://www.dod.mil/bio/1.0/person#"
xmlns:fac="http://www.dod.mil/facility/1.0/facility#"
xmlns:ism="urn:us:gov:ic:ism" xmlns:ddms="http://www.dod.mil/ddms/1.0/ddms#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:bio="http://www.dod.mil/bio/1.0/person#" elementFormDefault="qualified"
attributeFormDefault="qualified" version="1.0.0">

<!-- ***** -->
<!-- IMPORT Defense Discovery Metadata Specification (DDMS)..... -->
<!-- ***** -->

```



```

<xsd:import namespace="http://www.dod.mil/ddms/1.0/ddms#"
schemaLocation="ddms.xsd"/>

<!-- ***** -->
<!-- IMPORT IC INFORMATION SECURITY MARKING ATTRIBUTES ..... -->
<!-- ***** -->

<xsd:import namespace="urn:us:gov:ic:ism" schemaLocation="IC-ISM-v1.xsd"/>

<!-- ***** -->
<!-- IMPORT Facility Schema..... -->
<!-- ***** -->

<xsd:import namespace="http://www.dod.mil/facility/1.0/facility#"
schemaLocation="facility.xsd"/>

<!-- ***** -->
<!-- Global elements -->
<!-- ***** -->

<xsd:element name="person" type="bio:PersonType"/>

<!-- ***** -->
<!--Type definitions -->
<!-- ***** -->

<xsd:simpleType name="QualityOfMetadataTagInformationCodeType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Confirmed" />
    <xsd:enumeration value="Probable" />
  </xsd:restriction>
</xsd:simpleType>

<!-- For simplicity's sake, the DateStart through DateInfoCutoff attributes
have been redefined instead of
  using the IC MSP definitions. In IC MSP they are defined as elements,
which means they would need to
  part of a complex type in this document. However, this creates
complexity since each one of these
  attributes needs to be available to qualify any particular data element
-->
<xsd:attributeGroup name="PersonElementMetadataGroup">
  <xsd:attribute name="DateStart" type="xsd:date" use="optional" />
  <xsd:attribute name="DateValidTil" type="xsd:date" use="optional" />
  <xsd:attribute name="DateRevised" type="xsd:date" use="optional" />
  <xsd:attribute name="DateReviewed" type="xsd:date" use="optional" />
  <xsd:attribute name="DateInfoCutoff" type="xsd:date" use="optional" />
  <xsd:attribute name="CreatorUserID" type="xsd:string" use="optional">
    <xsd:annotation>
      <xsd:documentation>person or system that created the
data</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:attribute name="NoteAboutMetadataTag" type="xsd:string"
use="optional">
    <xsd:annotation>
      <xsd:documentation>additional information about the tag itself such as
special concerns or questions</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>

```



```

    <xsd:attribute name="QualityOfMetadataTagInformationCode"
type="bio:QualityOfMetadataTagInformationCodeType" use="optional">
    <xsd:annotation>
    <xsd:documentation>confidence factor in the validity or accuracy of the
tag, a quantification of the trustworthiness of the data, captured at a
specific date and time, depicted with a coded value</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
    <xsd:attribute name="QualityOfMetadataTagInformation" type="xsd:string"
use="optional">
    <xsd:annotation>
    <xsd:documentation>confidence factor in the validity or accuracy of the
tag, a quantification of the trustworthiness of the data, captured at a
specific date and time</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
    <xsd:attribute name="RepositoryIdentifierOfProvidingAgency"
type="xsd:string" use="optional">
    <xsd:annotation>
    <xsd:documentation>the name of the computer system repository from
which the tag came</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
    <xsd:attribute name="ResponsibleAgency" type="xsd:string" use="optional">
    <xsd:annotation>
    <xsd:documentation>e.g. agency with stewardship, ownership, or agency
with an equity in the data</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
    <xsd:attribute name="SourceOfDataTag" type="xsd:string" use="optional">
    <xsd:annotation>
    <xsd:documentation>the original source of the data such as an
informant, a news article, covert source, or intercept</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
    <xsd:attribute name="TruncationIndicator" type="xsd:boolean"
use="optional">
    <xsd:annotation>
    <xsd:documentation>to alert the receiver of the tag information that
the information included in the tag has been truncated</xsd:documentation>
    </xsd:annotation>
    </xsd:attribute>
</xsd:attributeGroup>

<xsd:attributeGroup name="SecurityAndMetadataGroup">
    <xsd:attributeGroup ref="bio:PersonElementMetadataGroup"/>
    <xsd:attributeGroup ref="ism:SecurityAttributesOptionGroup"/>
</xsd:attributeGroup>

<xsd:complexType name="PersonType">
    <xsd:sequence>
    <xsd:element name="personInfo" type="bio:PersonInfoType" minOccurs="1"
maxOccurs="1" />
    <xsd:element name="relationships" type="bio:RelationshipType"
minOccurs="0" maxOccurs="unbounded" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="PersonInfoType">
    <xsd:sequence>

```



```

    <xsd:element name="agencyInterest" type="bio:AgencyInterestType"
minOccurs="0" maxOccurs="1">
    <xsd:annotation>
    <xsd:documentation>Contains elements related to the interest and
handling of this person.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="biographics" type="bio:BiographicType" minOccurs="0"
maxOccurs="1">
    <xsd:annotation>
    <xsd:documentation>Contains biographics elements.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="biometricIdentification"
type="bio:BiometricIdentificationType" minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>Alphanumeric string assigned to the person by some
authority in order to uniquely identify the person.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="comment" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation></xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="demographics" type="bio:DemographicType" minOccurs="0"
maxOccurs="1">
    <xsd:annotation>
    <xsd:documentation>Contains demographic elements.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="personIdentifier" type="bio:PersonIdentifierType"
minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>Alphanumeric string assigned to the person by some
authority in order to uniquely identify the person.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="personName" type="bio:PersonNameType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>The name of the person.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

  <xsd:complexType name="DemographicType">
    <xsd:sequence>
    <xsd:element name="citizenship" type="bio:CitizenshipType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="religion" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="tribalAffiliation" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>

  <xsd:complexType name="BiographicType">

```



```

<xsd:sequence>
  <xsd:element name="backgroundAndSkillProfile"
type="bio:BackgroundAndSkillProfileType" minOccurs="0" maxOccurs="1" />
  <xsd:element name="medicalCondition" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
      <xsd:documentation>Characteristics about a person's specific medical
condition that can be verified by a physician.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="personLivingStatus" type="bio:PersonLivingStatusType"
minOccurs="0" maxOccurs="1" />
  <xsd:element name="physicalDescription"
type="bio:PhysicalDescriptionType" minOccurs="0" maxOccurs="1" />
  <xsd:element name="placeOfBirth" type="bio:PlaceOfBirthType"
minOccurs="0" maxOccurs="1">
    <xsd:annotation>
      <xsd:documentation>The country, state or province, and city (or other
jurisdiction) where a person was born.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>

<xsd:complexType name="RelationshipType">
  <xsd:sequence>
    <xsd:element name="hasOrUsesCommunicationNode"
type="bio:CommunicationNodeType" minOccurs="0" maxOccurs="unbounded" />
    <xsd:element name="hasOrUsesAccount" type="bio:AccountType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="hasOrUsesMateriel" type="bio:MaterielType"
minOccurs="0" maxOccurs="unbounded" />
    <xsd:element name="livesAt" type="bio:FacilityType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="worksAt" type="bio:FacilityType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="eventAt" type="bio:FacilityType" minOccurs="0"
maxOccurs="unbounded" />
    <xsd:element name="associatedToPerson" type="bio:PersonAssociationType"
minOccurs="0" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CommunicationNodeType">
  <xsd:sequence>
    <xsd:any
namespace="http://www.dod.mil/communication/1.0/communicationNode#"
minOccurs="1" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
</xsd:complexType>

<xsd:complexType name="AccountType">
  <xsd:sequence>
    <xsd:any namespace="http://www.dod.mil/account/1.0/account#"
minOccurs="1" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
</xsd:complexType>

```



```

<xsd:complexType name="MaterielType">
  <xsd:sequence>
    <xsd:any namespace="http://www.dod.mil/materiel/1.0/materiel#"
minOccurs="1" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
</xsd:complexType>

<xsd:complexType name="FacilityType">
  <xsd:sequence>
    <xsd:any namespace="http://www.dod.mil/facility/1.0/facility#"
minOccurs="1" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
</xsd:complexType>

<xsd:simpleType name="PersonAssociationTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Acquaintance" />
    <xsd:enumeration value="Cohabitant" />
    <xsd:enumeration value="Coworker" />
    <xsd:enumeration value="Relative" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="PersonAssociationTypeType">
  <xsd:choice>
    <xsd:element name="codedType" type="bio:PersonAssociationTokenType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="stringType" type="xsd:string" minOccurs="1"
maxOccurs="1"/>
  </xsd:choice>
</xsd:complexType>

<xsd:complexType name="PersonAssociationType">
  <xsd:sequence>
    <xsd:element name="associationType" type="bio:PersonAssociationTypeType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="associatedPerson" type="bio:PersonType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="dateRange" type="bio:DateRangeType" minOccurs="0"
maxOccurs="1"/>
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
</xsd:complexType>

<!-- Base Types -->

<xsd:complexType name="BaseStringType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="BaseDateType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:date">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

```



```

    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="BaseURIType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:anyURI">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="EmbeddedMimeType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:base64Binary">
      <xsd:attribute name="mimeType" type="xsd:string" />
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="PresentDate">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="Present" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="PresentDateType">
  <xsd:simpleContent>
    <xsd:extension base="bio:PresentDate">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="DateRangeType">
  <xsd:sequence>
    <xsd:element name="dateStart" type="bio:BaseDateType" minOccurs="1"
maxOccurs="1" />
    <xsd:choice>
      <xsd:element name="datePresent" type="bio:PresentDateType"
minOccurs="1" maxOccurs="1" />
      <xsd:element name="dateEnd" type="bio:BaseDateType" minOccurs="1"
maxOccurs="1" />
    </xsd:choice>
  </xsd:sequence>
</xsd:complexType>

<!-- Agency interest -->

<xsd:complexType name="AgencyInterestType">
  <xsd:sequence>
    <xsd:element name="agency" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>A government organization that has specified an
interest in this person, or has issued a warning or handling instructions
regarding this person.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```



```

    <xsd:element name="handling" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>Actions for a specific organization or designated
agency to take on contact with person.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="reasonWhyOnList" type="bio:BaseStringType"
minOccurs="1" maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>The reason that the person has been added to a
terrorist watch list by a government organization.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="warning" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>A warning, caution, qualifier or explanation, A
caution about the person's potential for dangerous behavior when
contacted.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    </xsd:sequence>
</xsd:complexType>

<!-- Biometrics -->

<xsd:complexType name="BiometricIdentificationType">
  <xsd:sequence>
    <xsd:element name="patronOwner" type="xsd:hexBinary"> <!-- length="2"
(XML Spy doesn't like this!) -->
    <xsd:annotation>
    <xsd:documentation>A hexadecimal code indicating the owner of this
format.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="patronFormat" type="xsd:hexBinary"> <!-- length="2"
(XML Spy doesn't like this!) -->
    <xsd:annotation>
    <xsd:documentation>A hexadecimal code the format of the biometric
data.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
    <xsd:element name="biometricIdentificationRecord"
type="xsd:base64Binary">
    <xsd:annotation>
    <xsd:documentation>A base64 encoded block containing the biometric
data.</xsd:documentation>
    </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
</xsd:complexType>

<!-- Citizenship -->

<xsd:simpleType name="CitizenshipStatusTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Native" />

```



```

    <xsd:enumeration value="Naturalized" />
    <xsd:enumeration value="PermanentResidentAlienAppliedFor" />
    <xsd:enumeration value="PermanentResidentGranted" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CitizenshipStatusType">
  <xsd:simpleContent>
    <xsd:extension base="bio:CitizenshipStatusTokenType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="CountryCodeType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="vocabulary">
        <xsd:simpleType>
          <xsd:restriction base="xsd:token">
            <xsd:enumeration value="FIPS" />
            <xsd:enumeration value="ISO-3" />
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:attribute>
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="CitizenshipType">
  <xsd:sequence>
    <xsd:element name="citizenshipCountry" type="bio:CountryCodeType" />
    <xsd:element name="citizenshipStatus" type="bio:CitizenshipStatusType" />
  </xsd:sequence>
</xsd:complexType>

<!-- Person Identifier -->

<xsd:simpleType name="IdentifierTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="SSN">
      <xsd:annotation>
        <xsd:documentation>Social Security Number</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="MIL">
      <xsd:annotation>
        <xsd:documentation>Military ID</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="DL">
      <xsd:annotation>
        <xsd:documentation>Drivers License</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="PP">
      <xsd:annotation>
        <xsd:documentation>Passport</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>

```

```

</xsd:enumeration>
<xsd:enumeration value="ID">
  <xsd:annotation>
    <xsd:documentation>National ID, other than SSN for
U.S.</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="Alien_ID">
  <xsd:annotation>
    <xsd:documentation>Alien Registration Number</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="VISA">
  <xsd:annotation>
    <xsd:documentation>Visa Entry Number (not credit
card)</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
</xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="PersonIdentifierTokenType">
  <xsd:choice>
    <xsd:element name="codedType" type="bio:IdentifierTokenType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="stringType" type="xsd:string" minOccurs="1"
maxOccurs="1"/>
  </xsd:choice>
</xsd:complexType>

<xsd:complexType name="PersonIdentifierType">
  <xsd:sequence>
    <xsd:element name="type" type="bio:PersonIdentifierTokenType"/>
    <xsd:element name="value" type="xsd:string"/>
    <xsd:element name="authority" type="xsd:string">
      <xsd:annotation>
        <xsd:documentation>Agency or organization that is the source of an
IdentifyingValue. The agency, organization, or sovereign state responsible for
administering a unique identifier for a person.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
</xsd:complexType>

<!-- Person Living Status -->

<xsd:complexType name="LivingStatusDateType">
  <xsd:complexContent>
    <xsd:extension base="bio:BaseDateType">
      <xsd:attribute name="accuracy" type="xsd:integer" use="optional">
        <xsd:annotation>
          <xsd:documentation>Degree to which a date value conforms to fact,
specified as a range in plus (+) or minus (-) years.</xsd:documentation>
        </xsd:annotation>
      </xsd:attribute>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```



```

<xsd:complexType name="PersonLivingStatusType">
  <xsd:sequence>
    <xsd:element name="dateOfBirth" type="bio:LivingStatusDateType"
minOccurs="0" maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>Calendar date (Gregorian calendar) on which a
person was born.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="dateOfDeath" type="bio:LivingStatusDateType"
minOccurs="0" maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>Calendar date (Gregorian calendar) on which a
person died or was declared legally dead.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

<!-- Person Location -->

<xsd:simpleType name="PersonLocationTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="HomeAddress" />
    <xsd:enumeration value="WorkAddress" />
    <xsd:enumeration value="SeenAtAddress" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="PersonLocationType">
  <xsd:complexContent>
    <xsd:extension base="fac:FacilityWithAddressType">
      <xsd:sequence>
        <xsd:element name="dateRange" type="bio:DateRangeType" minOccurs="0"
maxOccurs="1">
          <xsd:annotation>
            <xsd:documentation>The dates when this address is relevant to
this person.</xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
      <xsd:attribute name="type" type="bio:PersonLocationTokenType"
use="required" />
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

<xsd:complexType name="PlaceOfBirthType">
  <xsd:complexContent>
    <xsd:extension base="fac:FacilityAddressType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

<!-- Person Name -->

<xsd:simpleType name="PersonNameTokenType">
  <xsd:restriction base="xsd:token">

```

```

<xsd:enumeration value="ProvidedName" />
<xsd:enumeration value="Alias" />
<!-- Assuming FormerName is handled by AKA -->
<!-- Assuming Alternate Spelling is handled by AKA -->
<xsd:enumeration value="AKA" />
<xsd:enumeration value="AliasOrAKA" />
<xsd:enumeration value="Variant" />
</xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="NameBaseType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="phonetic" type="xsd:string" />
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="PersonNameType">
  <xsd:sequence>
    <xsd:element name="FullName" type="bio:NameBaseType" minOccurs="1"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>A unicode string representing the full name passed
with no formatting other than delimiters to denote name part
breaks.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="NamePrefix" type="bio:NameBaseType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>A title placed before a person's
name.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="GivenName" type="bio:NameBaseType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The linguistic construct which is normally given
to an individual by the individual's parent, or is chose by the individual, or
by which the individual is commonly known.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="Surname" type="bio:NameBaseType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The linguistic construct which is inherited by an
individual from the individual's parent or assumed by marriage or by which the
individual is commonly known. One's family name. All name parts in the surname
field of a parsed FullNameString object.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="NameSuffix" type="bio:NameBaseType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>A qualifier placed after a person's
name.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>

```



```

    <xsd:attribute name="type" type="bio:PersonNameTokenType" use="required" />
    <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup" />
</xsd:complexType>

<!-- Background and Skill Profile -->

<xsd:complexType name="BackgroundAndSkillProfileType">
  <xsd:sequence>
    <xsd:element name="awards" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>Awards this person has
received.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="careerInfo" type="bio:CareerInfoType" minOccurs="0"
maxOccurs="1" />
    <xsd:element name="comment" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>A written note intended as an explanation,
illustration, annotation or criticism.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="education" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>The highest level of education a person has
obtained.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="honorificTitle" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>An honorary title this person has or referred to
by.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="influences" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation></xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <!-- TODO: limit this to ISO 639-3 codes -->
    <xsd:element name="languageSpoken" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>Natural language spoken by a
person.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="policeRecord" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>Information from this person's police
record.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```



```

    <xsd:element name="politics" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation></xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="skill" type="bio:SkillType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>A skill possessed by this
person.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CareerInfoType">
  <xsd:sequence>
    <xsd:element name="militaryService" type="bio:MilitaryServiceType"
minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>Information about this person's military
career.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
    <xsd:element name="nonMilitaryService" type="bio:NonMilitaryServiceType"
minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
    <xsd:documentation>Information about any non-military career
activities such as civil service, contracting, commercial industry, factory
worker, etc.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="SkillType">
  <xsd:sequence>
    <xsd:element name="skillDescription" type="xsd:string" />
    <xsd:element name="skillLevel" type="xsd:string" />
  </xsd:sequence>
  <xsd:attribute name="vocabulary" type="xsd:string" />
  <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
</xsd:complexType>

<xsd:complexType name="MilitaryServiceType">
  <xsd:sequence>
    <xsd:element name="rank" type="bio:BaseStringType" minOccurs="0"
maxOccurs="1">
    <xsd:annotation>
    <xsd:documentation>The military rank of the
individual.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
    <xsd:element name="USRankEquivalent" type="bio:BaseStringType"
minOccurs="0" maxOccurs="1">
    <xsd:annotation>
    <xsd:documentation>The equivalent rank in the US
military.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```



```

    </xsd:element>
    <xsd:element name="branch" type="bio:BaseStringType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The branch of military service this person serves
or has served under.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="duration" type="bio:DateRangeType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The amount of time this person had this
rank.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="address" type="bio:PersonLocationType" minOccurs="0"
maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>The list of addresses this person was stationed
at.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="comment" type="bio:BaseStringType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation></xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="predecessor" type="bio:PredecessorType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The person who held this rank before this person
did.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <!-- "military rep" - this was in the list of elements, but there is no
provided definition,
so I won't model it for now -->
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="PredecessorType">
  <xsd:sequence>
    <xsd:element name="person" type="bio:PersonType" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="NonMilitaryServiceType">
  <xsd:sequence>
    <xsd:element name="position" type="bio:BaseStringType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>The position of the
individual.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="USPositionEquivalent" type="bio:BaseStringType"
minOccurs="0" maxOccurs="1">
      <xsd:annotation>

```



```

        <xsd:documentation>An equivalent position in the United
States.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
    <xsd:element name="duration" type="bio:DateRangeType" minOccurs="0"
maxOccurs="1">
    <xsd:annotation>
        <xsd:documentation>The amount of time this person stayed in this
position.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
    <xsd:element name="address" type="bio:PersonLocationType" minOccurs="0"
maxOccurs="unbounded">
    <xsd:annotation>
        <xsd:documentation>The list of addresses this person worked
at.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
    <xsd:element name="comment" type="bio:BaseStringType" minOccurs="0"
maxOccurs="1">
    <xsd:annotation>
        <xsd:documentation></xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

<!-- Physical Description -->

<xsd:simpleType name="BloodTypeTokenType">
    <xsd:restriction base="xsd:token">
        <xsd:enumeration value="APositive" />
        <xsd:enumeration value="ANegative" />
        <xsd:enumeration value="AUnknown" />
        <xsd:enumeration value="BPositive" />
        <xsd:enumeration value="BNegative" />
        <xsd:enumeration value="BUnknown" />
        <xsd:enumeration value="OPositive" />
        <xsd:enumeration value="ONegative" />
        <xsd:enumeration value="OUnknown" />
        <xsd:enumeration value="ABPositive" />
        <xsd:enumeration value="ABUnknown" />
        <xsd:enumeration value="ABNegative" />
    </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="BloodTypeType">
    <xsd:simpleContent>
        <xsd:extension base="bio:BloodTypeTokenType">
            <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
        </xsd:extension>
    </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="EyeColorTokenType">
    <xsd:restriction base="xsd:token">
        <xsd:enumeration value="Black" />
        <xsd:enumeration value="Blue" />
        <xsd:enumeration value="Brown" />
        <xsd:enumeration value="Gray" />
    </xsd:restriction>
</xsd:simpleType>

```

```

    <xsd:enumeration value="Green" />
    <xsd:enumeration value="Hazel" />
    <xsd:enumeration value="Maroon" />
    <xsd:enumeration value="Multicolor" />
    <xsd:enumeration value="Pink" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="EyeColorType">
  <xsd:simpleContent>
    <xsd:extension base="bio:EyeColorTokenType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="GenderTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Male" />
    <xsd:enumeration value="Female" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="GenderType">
  <xsd:simpleContent>
    <xsd:extension base="bio:GenderTokenType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="HairColorTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Black" />
    <xsd:enumeration value="Blond" />
    <xsd:enumeration value="Blue" />
    <xsd:enumeration value="Brown" />
    <xsd:enumeration value="Green" />
    <xsd:enumeration value="Gray" />
    <xsd:enumeration value="Orange" />
    <xsd:enumeration value="Purple" />
    <xsd:enumeration value="Pink" />
    <xsd:enumeration value="Red" />
    <xsd:enumeration value="Sandy" />
    <xsd:enumeration value="StrawberryBlond" />
    <xsd:enumeration value="White" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="HairColorType">
  <xsd:simpleContent>
    <xsd:extension base="bio:HairColorTokenType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="RaceTokenType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="AmericanIndian" />
  </xsd:restriction>
</xsd:simpleType>

```

```

    <xsd:enumeration value="Asian" />
    <xsd:enumeration value="AlaskanNative" />
    <xsd:enumeration value="PacificIslander" />
    <xsd:enumeration value="Black" />
    <xsd:enumeration value="White" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="RaceType">
  <xsd:simpleContent>
    <xsd:extension base="bio:RaceTokenType">
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:simpleType name="HeightSimpleType">
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="4" />
    <xsd:fractionDigits value="1" />
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="HeightType">
  <xsd:simpleContent>
    <xsd:extension base="bio:HeightSimpleType">
      <!-- example: 10 means +/- 10cm -->
      <xsd:attribute name="accuracy" type="xsd:decimal" />
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="WeightType">
  <xsd:simpleContent>
    <xsd:extension base="xsd:decimal">
      <!-- example: 3 means +/- 3kg -->
      <xsd:attribute name="accuracy" type="xsd:decimal" />
      <xsd:attributeGroup ref="bio:SecurityAndMetadataGroup"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>

<xsd:complexType name="PhysicalDescriptionType">
  <xsd:sequence>
    <xsd:element name="apparentPhysicalDisability" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation>An impairment or incapacity that impedes access or
performance that is apparent to an observer.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="bloodType" type="bio:BloodTokenType" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>A code identifying a person's type of blood; e.g.,
A-positive, O-negative.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>

```



```

<xsd:element name="build" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>A person's physique or shape.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="clothingDescription" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>A description of an article of
clothing.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<!-- limit ethnicity to 463 ethnic categories from the 2002 CIA World
Fact Book, for now use string -->
<xsd:element name="ethnicity" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>The state of belonging to a national or cultural
group.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="eyeColor" type="bio:EyeColorType" minOccurs="0"
maxOccurs="1">
  <xsd:annotation>
    <xsd:documentation>A characterization of the hue, lightness and
saturation of a person's iris.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="gender" type="bio:GenderType" minOccurs="0"
maxOccurs="1">
  <xsd:annotation>
    <xsd:documentation>The physical sexual identity of a
person.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="hairAppearance" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>The aspect or look of a person's hair;
characterization of the way in which a person's hair is cut and
arranged.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="hairColor" type="bio:HairColorType" minOccurs="0"
maxOccurs="1">
  <xsd:annotation>
    <xsd:documentation>The hue, lightness and saturation of a person's
hair.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="hairFacial" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>A characterization or description of a person's
facial hair.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="hairLength" type="bio:BaseStringType" minOccurs="0"
maxOccurs="unbounded">

```



```

        <xsd:annotation>
            <xsd:documentation>An observation of the length of a person's
hair.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="height" type="bio:HeightType" minOccurs="0"
maxOccurs="1">
        <xsd:annotation>
            <xsd:documentation>A measurement of the height of a person in
centimeters.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="photo" type="bio:EmbeddedMimeType" minOccurs="0"
maxOccurs="unbounded">
        <xsd:annotation>
            <xsd:documentation>A photographic image of a
person.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="photoReference" type="bio:BaseURIType" minOccurs="0"
maxOccurs="unbounded">
        <xsd:annotation>
            <xsd:documentation>An identifier defining where the photo can be
accessed.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="physicalCharacteristic" type="bio:BaseStringType"
minOccurs="0" maxOccurs="unbounded">
        <xsd:annotation>
            <xsd:documentation>A visible, atypical distinguishing trait, property
or quality of a person to include distinguishing features such as scars, marks,
and tattoos.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="race" type="bio:RaceType" minOccurs="0" maxOccurs="1">
        <xsd:annotation>
            <xsd:documentation>A characterization of a person based on
genetically-transmitted physical characteristics, common history, nationality,
or geographical distribution.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <!-- in kilograms -->
    <xsd:element name="weight" type="bio:WeightType" minOccurs="0"
maxOccurs="1">
        <xsd:annotation>
            <xsd:documentation>A person's weight in kilograms (KG). The quantity
of heaviness; comparative tendency to the center of the earth; the quantity of
matter as estimated by the balance, or expressed numerically with reference to
some standard unit; as, a mass of stone having the weight of five hundred
pounds.</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:schema>

```

7.2 Account Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v5 rel. 4 U (http://www.xmlspy.com) by Eric Monk
(McDonald Bradley, Inc) -->
<!--DOCTYPE schema PUBLIC "-//W3C/DTD XML Schema Version 1.0//EN"
"http://www.w3.org/TR/2000/WD-xmlschema-1-20000225/structures.dtd"-->
<!-- Created by McDonald Bradley, Inc. for the Defense Intelligence Agency -->
<!-- Author: Eric Monk (McDonaldbradley) -->
<!-- Contributor: Jay Hess (McDonald Bradley) -->
<!-- Contributor: Danny Proko (McDonald Bradley) -->
<!-- Contributor: Becky Smith (McDonald Bradley) -->
<!-- Contributor: Mike Broderick (McDonald Bradley) -->
<!-- Contributor: Mark Joncas (McDonald Bradley) -->
<!-- Contributor: Brad Johnson (NORA) -->
<!-- Contributor: Stacy Friedman (NORA) -->
<!-- Contributor: Alexei Nazario (NORA) -->
<!-- Contributor: Daniel Haug (VID) -->
<!-- Contributor: Dave Haug (VID) -->
<!-- Version 1.0.0 $Revision: 1.0 $ -->
<xsd:schema targetNamespace="http://www.dod.mil/account/1.0/account#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:acct="http://www.dod.mil/account/1.0/account#"
xmlns:bio="http://www.dod.mil/bio/1.0/person#" elementFormDefault="qualified"
attributeFormDefault="qualified" version="1.0.0">

  <!-- ***** -->
  <!-- IMPORT Bio Schema..... -->
  <!-- ***** -->

  <xsd:import namespace="http://www.dod.mil/bio/1.0/person#"
schemaLocation="person.xsd"/>

  <!-- Elements -->

  <xsd:element name="account" type="acct:AccountType" />

  <!-- ComplexType -->

  <xsd:simpleType name="AccountTokenType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="FF">
        <xsd:annotation>
          <xsd:documentation>Frequent Flyer Number</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="CC">
        <xsd:annotation>
          <xsd:documentation>Credit Card</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="ACCT">
        <xsd:annotation>
          <xsd:documentation>Bank account</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>

```



```

<xsd:enumeration value="LOYAL">
  <xsd:annotation>
    <xsd:documentation>Loyalty club number</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
</xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="AccountTokenType">
  <xsd:choice>
    <xsd:element name="codedType" type="acct:AccountTokenType" minOccurs="1"
maxOccurs="1" />
    <xsd:element name="stringType" type="xsd:string" minOccurs="1"
maxOccurs="1" />
  </xsd:choice>
</xsd:complexType>

<xsd:complexType name="AccountType">
  <xsd:sequence>
    <xsd:element name="type" type="acct:AccountTokenType" minOccurs="1"
maxOccurs="1" />
    <xsd:element name="accountNumber" type="xsd:string" minOccurs="1"
maxOccurs="1" />
    <xsd:element name="authority" type="xsd:string" minOccurs="0"
maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>Authority who issued the account (e.g. Bank Name,
Airline name, etc.)</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="validDateRange" type="bio:DateRangeType" minOccurs="0"
maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>

</xsd:schema>

```

7.3 Communication Node Schema

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v5 rel. 4 U (http://www.xmlspy.com) by Eric Monk
(McDonald Bradley, Inc) -->
<!--DOCTYPE schema PUBLIC "-//W3C/DTD XML Schema Version 1.0//EN"
"http://www.w3.org/TR/2000/WD-xmlschema-1-20000225/structures.dtd"-->
<!-- Created by McDonald Bradley, Inc. for the Defense Intelligence Agency -->
<!-- Author: Eric Monk (McDonaldbradley) -->
<!-- Contributor: Jay Hess (McDonald Bradley) -->
<!-- Contributor: Danny Proko (McDonald Bradley) -->
<!-- Contributor: Becky Smith (McDonald Bradley) -->
<!-- Contributor: Mike Broderick (McDonald Bradley) -->
<!-- Contributor: Mark Joncas (McDonald Bradley) -->
<!-- Contributor: Brad Johnson (NORA) -->
<!-- Contributor: Stacy Friedman (NORA) -->
<!-- Contributor: Alexei Nazario (NORA) -->
<!-- Contributor: Daniel Haug (VID) -->
<!-- Contributor: Dave Haug (VID) -->
<!-- Version 1.0.0 $Revision: 1.0 $ -->

```



```

<xsd:schema
targetNamespace="http://www.dod.mil/communication/1.0/communicationNode#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:com="http://www.dod.mil/communication/1.0/communicationNode#"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="1.0.0">

  <!-- Elements -->

  <xsd:element name="telephoneNumber" type="com:TelephoneType" />
  <xsd:element name="emailAddress" type="xsd:string" />

  <!-- Types -->

  <xsd:simpleType name="TelephoneTokenType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="Home" />
      <xsd:enumeration value="Work" />
      <xsd:enumeration value="Mobile" />
      <xsd:enumeration value="Fax" />
      <xsd:enumeration value="Pager" />
    </xsd:restriction>
  </xsd:simpleType>

  <xsd:complexType name="TelephoneTypeType">
    <xsd:choice>
      <xsd:element name="codedType" type="com:TelephoneTokenType" minOccurs="1"
maxOccurs="1" />
      <xsd:element name="stringType" type="xsd:string" minOccurs="1"
maxOccurs="1" />
    </xsd:choice>
  </xsd:complexType>

  <xsd:complexType name="TelephoneType">
    <xsd:sequence>
      <xsd:element name="type" type="com:TelephoneTypeType" minOccurs="1"
maxOccurs="1" />
      <xsd:element name="value" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>

</xsd:schema>

```

7.4 Facility Schema

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v5 rel. 4 U (http://www.xmlspy.com) by Eric Monk
(McDonald Bradley, Inc) -->
<!--DOCTYPE schema PUBLIC "-//W3C/DTD XML Schema Version 1.0//EN"
"http://www.w3.org/TR/2000/WD-xmlschema-1-20000225/structures.dtd"-->
<!-- Created by McDonald Bradley, Inc. for the Defense Intelligence Agency -->
<!-- Author: Eric Monk (McDonaldbradley) -->
<!-- Contributor: Jay Hess (McDonald Bradley) -->
<!-- Contributor: Danny Proko (McDonald Bradley) -->
<!-- Contributor: Becky Smith (McDonald Bradley) -->
<!-- Contributor: Mike Broderick (McDonald Bradley) -->
<!-- Contributor: Mark Joncas (McDonald Bradley) -->

```



```

<!-- Contributor: Brad Johnson (NORA) -->
<!-- Contributor: Stacy Friedman (NORA) -->
<!-- Contributor: Alexei Nazario (NORA) -->
<!-- Contributor: Daniel Haug (VID) -->
<!-- Contributor: Dave Haug (VID) -->
<!-- Version 1.0.0 $Revision: 1.0 $ -->
<xsd:schema targetNamespace="http://www.dod.mil/facility/1.0/facility#"
xmlns:ddms="http://www.dod.mil/ddms/1.0/ddms#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:fac="http://www.dod.mil/facility/1.0/facility#"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="1.0.0">

  <!-- ***** -->
  <!-- IMPORT Defense Discovery Metadata Specification (DDMS)..... -->
  <!-- ***** -->

  <xsd:import namespace="http://www.dod.mil/ddms/1.0/ddms#"
schemaLocation="ddms.xsd"/>

  <!-- Elements -->

  <xsd:element name="facility" type="fac:FacilityWithAddressType" />

  <!-- Types -->

  <xsd:complexType name="FacilityWithAddressType">
    <xsd:choice>
      <xsd:element name="facilityPlace" type="ddms:FacilityType">
        <xsd:annotation>
          <xsd:documentation>This element is used to allow reuse of the
ddms:FacilityType to contain data about a facility.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      <xsd:element name="facilityAddress" type="fac:FacilityAddressType">
        <xsd:annotation>
          <xsd:documentation>This element is used to extend a facility to be
represented by an Address instead of a FacilityType.</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:choice>
  </xsd:complexType>

  <xsd:complexType name="FacilityAddressType">
    <xsd:sequence>
      <xsd:element name="name" type="xsd:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="street" type="xsd:string" minOccurs="0"
maxOccurs="unbounded"/>
      <xsd:element name="city" type="xsd:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="state" type="xsd:string" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="postalCode" type="xsd:string" minOccurs="0"
maxOccurs="1"/>
      <xsd:element ref="ddms:countryCode" minOccurs="0" maxOccurs="1"/>
      <xsd:element name="province" type="xsd:string" minOccurs="0"
maxOccurs="1"/>
    </xsd:sequence>
  </xsd:complexType>

</xsd:schema>

```

7.5 Materiel Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v5 rel. 4 U (http://www.xmlspy.com) by Eric Monk
(McDonald Bradley, Inc) -->
<!--DOCTYPE schema PUBLIC "-//W3C/DTD XML Schema Version 1.0//EN"
"http://www.w3.org/TR/2000/WD-xmlschema-1-20000225/structures.dtd"-->
<!-- Created by McDonald Bradley, Inc. for the Defense Intelligence Agency -->
<!-- Author: Eric Monk (McDonaldbradley) -->
<!-- Contributor: Jay Hess (McDonald Bradley) -->
<!-- Contributor: Danny Proko (McDonald Bradley) -->
<!-- Contributor: Becky Smith (McDonald Bradley) -->
<!-- Contributor: Mike Broderick (McDonald Bradley) -->
<!-- Contributor: Mark Joncas (McDonald Bradley) -->
<!-- Contributor: Brad Johnson (NORA) -->
<!-- Contributor: Stacy Friedman (NORA) -->
<!-- Contributor: Alexei Nazario (NORA) -->
<!-- Contributor: Daniel Haug (VID) -->
<!-- Contributor: Dave Haug (VID) -->
<!-- Version 1.0.0 $Revision: 1.0 $ -->
<xsd:schema targetNamespace="http://www.dod.mil/materiel/1.0/materiel#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:mat="http://www.dod.mil/materiel/1.0/materiel#"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="1.0.0">

  <!-- Elements -->

  <xsd:element name="materiel" type="mat:MaterielType"/>

  <!-- Types -->

  <xsd:simpleType name="IdentifierTokenType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="VIN">
        <xsd:annotation>
          <xsd:documentation>Vehicle Identification Number</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="LIC">
        <xsd:annotation>
          <xsd:documentation>License Plate Number</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="PRESC">
        <xsd:annotation>
          <xsd:documentation>Eye glasses prescription</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="PAR">
        <xsd:annotation>
          <xsd:documentation>Parcel Numbers</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
```



```
<xsd:complexType name="IdentifierTypeType">
  <xsd:choice>
    <xsd:element name="codedType" type="mat:IdentifierTokenType"
minOccurs="1" maxOccurs="1"/>
    <xsd:element name="stringType" type="xsd:string" minOccurs="1"
maxOccurs="1"/>
  </xsd:choice>
</xsd:complexType>

<xsd:complexType name="IdentifierType">
  <xsd:sequence>
    <xsd:element name="type" type="mat:IdentifierTypeType" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="value" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="MaterielType">
  <xsd:sequence>
    <xsd:element name="identifier" type="mat:IdentifierType" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element name="description" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

</xsd:schema>
```

8.0 Appendix C: Sample XML Instance Document

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<bio:person xmlns:ism="urn:us:gov:ic:ism"
xmlns:fac="http://www.dod.mil/facility/1.0/facility#"
xmlns:com="http://www.dod.mil/communication/1.0/communicationNode#"
xmlns:ddms="http://www.dod.mil/ddms/1.0/ddms#"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:mat="http://www.dod.mil/materiel/1.0/materiel#"
xmlns:acct="http://www.dod.mil/account/1.0/account#"
xmlns:bio="http://www.dod.mil/bio/1.0/person#">
  <bio:personInfo>
    <bio:agencyInterest>
      <bio:agency>TestString</bio:agency>
      <bio:handling>TestString</bio:handling>
      <bio:reasonWhyOnList>TestString</bio:reasonWhyOnList>
      <bio:warning>TestString</bio:warning>
    </bio:agencyInterest>
    <bio:biographics>
      <bio:backgroundAndSkillProfile>
        <bio:awards>TestString</bio:awards>
        <bio:careerInfo>
          <bio:militaryService>
            <bio:rank>TestString</bio:rank>
            <bio:USRankEquivalent>TestString</bio:USRankEquivalent>
            <bio:branch>TestString</bio:branch>
            <bio:duration>
              <bio:dateStart>2004-03-30-05:00</bio:dateStart>
              <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
            </bio:duration>
            <bio:address bio:type="TestString">
              <fac:facilityAddress>
                <fac:name>TestString</fac:name>
                <fac:street>TestString</fac:street>
                <fac:city>TestString</fac:city>
                <fac:state>TestString</fac:state>
                <fac:postalCode>TestString</fac:postalCode>
                <ddms:countryCode ddms:value="CAN"
                  <fac:province>TestString</fac:province>
                </fac:facilityAddress>
              <bio:dateRange>
                <bio:dateStart>2004-03-30-05:00</bio:dateStart>
                <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
              </bio:dateRange>
            </bio:address>
            <bio:comment>TestString</bio:comment>
          </bio:militaryService>
          <bio:nonMilitaryService>
            <bio:position>TestString</bio:position>
          </bio:nonMilitaryService>
        </bio:careerInfo>
      </bio:backgroundAndSkillProfile>
    </bio:biographics>
  </bio:personInfo>
  <bio:USPositionEquivalent>TestString</bio:USPositionEquivalent>
  <bio:duration>
    <bio:dateStart>2004-03-30-05:00</bio:dateStart>
    <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
  </bio:duration>
  <bio:address bio:type="TestString">
    <fac:facilityAddress>
      <fac:name>TestString</fac:name>
      <fac:street>TestString</fac:street>
      <fac:city>TestString</fac:city>
      <fac:state>TestString</fac:state>
      <fac:postalCode>TestString</fac:postalCode>
      <ddms:countryCode ddms:value="CAN"
        <fac:province>TestString</fac:province>
      </fac:facilityAddress>
    <bio:dateRange>
      <bio:dateStart>2004-03-30-05:00</bio:dateStart>
      <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
    </bio:dateRange>
  </bio:address>
  <bio:comment>TestString</bio:comment>
</bio:person>
ddms:qualifier="ISO-3"/>
```



```

    <fac:facilityAddress>
      <fac:name>TestString</fac:name>
      <fac:street>TestString</fac:street>
      <fac:city>TestString</fac:city>
      <fac:state>TestString</fac:state>
      <fac:postalCode>TestString</fac:postalCode>
      <ddms:countryCode ddms:value="CAN"
ddms:qualifier="ISO-3"/>
      <fac:province>TestString</fac:province>
    </fac:facilityAddress>
    <bio:dateRange>
      <bio:dateStart>2004-03-30-05:00</bio:dateStart>
      <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
    </bio:dateRange>
    </bio:address>
    <bio:comment>TestString</bio:comment>
    </bio:nonMilitaryService>
  </bio:careerInfo>
  <bio:comment>TestString</bio:comment>
  <bio:education>TestString</bio:education>
  <bio:honorificTitle>TestString</bio:honorificTitle>
  <bio:influences>TestString</bio:influences>
  <bio:languageSpoken>TestString</bio:languageSpoken>
  <bio:policeRecord>TestString</bio:policeRecord>
  <bio:politics>TestString</bio:politics>
  <bio:skill bio:vocabulary="TestString">
    <bio:skillDescription>TestString</bio:skillDescription>
    <bio:skillLevel>TestString</bio:skillLevel>
  </bio:skill>
</bio:backgroundAndSkillProfile>
<bio:medicalCondition>TestString</bio:medicalCondition>
<bio:personLivingStatus>
  <bio:dateOfBirth bio:accuracy="2">2004-03-30-
05:00</bio:dateOfBirth>
  <bio:dateOfDeath bio:accuracy="2">2004-03-30-
05:00</bio:dateOfDeath>
</bio:personLivingStatus>
<bio:physicalDescription>
<bio:apparentPhysicalDisability>TestString</bio:apparentPhysicalDisability>
  <bio:bloodType>Apositive</bio:bloodType>
  <bio:build>TestString</bio:build>
  <bio:clothingDescription>TestString</bio:clothingDescription>
  <bio:ethnicity>TestString</bio:ethnicity>
  <bio:eyeColor>Blue</bio:eyeColor>
  <bio:gender>Male</bio:gender>
  <bio:hairAppearance>TestString</bio:hairAppearance>
  <bio:hairColor>Black</bio:hairColor>
  <bio:hairFacial>TestString</bio:hairFacial>
  <bio:hairLength>TestString</bio:hairLength>
  <bio:height bio:accuracy="2">300.3</bio:height>
  <bio:photo bio:mimeType="TestString">Cg==</bio:photo>
  <bio:photoReference>TestString</bio:photoReference>
</bio:physicalDescription>
<bio:physicalCharacteristic>TestString</bio:physicalCharacteristic>
  <bio:race>White</bio:race>
  <bio:weight bio:accuracy="2">300.3</bio:weight>
</bio:physicalDescription>
<bio:placeOfBirth>
  <fac:name>TestString</fac:name>

```



```

    <fac:street>TestString</fac:street>
    <fac:city>TestString</fac:city>
    <fac:state>TestString</fac:state>
    <fac:postalCode>TestString</fac:postalCode>
    <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO-3"/>
    <fac:province>TestString</fac:province>
  </bio:placeOfBirth>
</bio:biographics>
<bio:biometricIdentification>
  <bio:patronOwner>0A</bio:patronOwner>
  <bio:patronFormat>0A</bio:patronFormat>
</bio:biometricIdentificationRecord>Cg==</bio:biometricIdentificationRecord>
</bio:biometricIdentification>
<bio:comment>TestString</bio:comment>
<bio:demographics>
  <bio:citizenship>
    <bio:citizenshipCountry bio:vocabulary="ISO-
3">CAN</bio:citizenshipCountry>
    <bio:citizenshipStatus>Native</bio:citizenshipStatus>
  </bio:citizenship>
  <bio:religion>TestString</bio:religion>
  <bio:tribalAffiliation>TestString</bio:tribalAffiliation>
</bio:demographics>
<bio:personIdentifier>
  <bio:type>
    <bio:codedType>ID</bio:codedType>
  </bio:type>
  <bio:value>TestString</bio:value>
  <bio:authority>TestString</bio:authority>
</bio:personIdentifier>
<bio:personName bio:type="ProvidedName">
  <bio:FullName bio:phonetic="TestString">TestString</bio:FullName>
  <bio:NamePrefix
bio:phonetic="TestString">TestString</bio:NamePrefix>
  <bio:GivenName bio:phonetic="TestString">TestString</bio:GivenName>
  <bio:Surname bio:phonetic="TestString">TestString</bio:Surname>
  <bio:NameSuffix
bio:phonetic="TestString">TestString</bio:NameSuffix>
</bio:personName>
</bio:personInfo>
<bio:relationships>
  <bio:hasOrUsesCommunicationNode>
    <com:telephoneNumber>
      <com:type>
        <com:codedType>Home</com:codedType>
      </com:type>
      <com:value>11-888-123-4567</com:value>
    </com:telephoneNumber>
  </bio:hasOrUsesCommunicationNode>
  <bio:hasOrUsesAccount>
    <acct:account>
      <acct:type>
        <acct:codedType>ACCT</acct:codedType>
      </acct:type>
      <acct:accountNumber>123456789</acct:accountNumber>
      <acct:authority>Some Bank</acct:authority>
      <acct:validDateRange>
        <bio:dateStart>2004-03-30-05:00</bio:dateStart>
        <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>

```

```

    </acct:validDateRange>
  </acct:account>
</bio:hasOrUsesAccount>
<bio:hasOrUsesMateriel>
  <mat:materiel>
    <mat:identifiier>
      <mat:type>
        <mat:codedType>LIC</mat:codedType>
      </mat:type>
      <mat:value>AAA-111</mat:value>
    </mat:identifiier>
    <mat:description>TestString</mat:description>
  </mat:materiel>
</bio:hasOrUsesMateriel>
<bio:livesAt>
  <fac:facilityAddress>
    <fac:name>TestString</fac:name>
    <fac:street>TestString</fac:street>
    <fac:city>TestString</fac:city>
    <fac:state>TestString</fac:state>
    <fac:postalCode>TestString</fac:postalCode>
    <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO-3"/>
    <fac:province>TestString</fac:province>
  </fac:facilityAddress>
</bio:livesAt>
<bio:worksAt>
  <fac:facilityAddress>
    <fac:name>TestString</fac:name>
    <fac:street>TestString</fac:street>
    <fac:city>TestString</fac:city>
    <fac:state>TestString</fac:state>
    <fac:postalCode>TestString</fac:postalCode>
    <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO-3"/>
    <fac:province>TestString</fac:province>
  </fac:facilityAddress>
</bio:worksAt>
<bio:eventAt>
  <fac:facilityAddress>
    <fac:name>TestString</fac:name>
    <fac:street>TestString</fac:street>
    <fac:city>TestString</fac:city>
    <fac:state>TestString</fac:state>
    <fac:postalCode>TestString</fac:postalCode>
    <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO-3"/>
    <fac:province>TestString</fac:province>
  </fac:facilityAddress>
</bio:eventAt>
<bio:associatedToPerson>
  <bio:associationType>
    <bio:codedType>Acquaintance</bio:codedType>
  </bio:associationType>
  <bio:associatedPerson>
    <bio:personInfo>
      <bio:personIdentifier>
        <bio:type>
          <bio:codedType>ID</bio:codedType>
        </bio:type>
        <bio:value>TestString</bio:value>
        <bio:authority>TestString</bio:authority>
      </bio:personIdentifier>
    </bio:personInfo>
  </bio:associatedPerson>
</bio:associatedToPerson>

```



```
        <bio:personName bio:type="ProvidedName">
            <bio:FullName
bio:phonetic="TestString">TestString</bio:FullName>
            <bio:NamePrefix
bio:phonetic="TestString">TestString</bio:NamePrefix>
            <bio:GivenName
bio:phonetic="TestString">TestString</bio:GivenName>
            <bio:Surname
bio:phonetic="TestString">TestString</bio:Surname>
            <bio:NameSuffix
bio:phonetic="TestString">TestString</bio:NameSuffix>
        </bio:personName>
    </bio:personInfo>
</bio:associatedPerson>
<bio:dateRange>
    <bio:dateStart>2004-03-30-05:00</bio:dateStart>
    <bio:dateEnd>2004-03-30-05:00</bio:dateEnd>
</bio:dateRange>
</bio:associatedToPerson>
</bio:relationships>
</bio:person>
```

9.0 Appendix D: Entity Reference

| |
|--|
| XML Entity Name: account |
| XML Entity Type: Element |
| XML Schema Type: AccountType |
| XML Namespace: http://www.dod.mil/account/1.0/account# |
| Purpose: |
| Example: <pre> <acct:account> <acct:type>...</acct:type> <acct:accountNumber>123456789</acct:accountNumber> <acct:authority>Some Bank</acct:authority> <acct:validDateRange>...</acct:validDateRange> </acct:account> </pre> |
| Notes: Children: accountNumber (1 to 1) authority (0 to 1) type (1 to 1) validDateRange (0 to 1) |

| |
|---|
| XML Entity Name: accuracy |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:decimal |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:accuracy="2" |
| Notes: Applies to elements: height, weight |

| |
|--|
| XML Entity Name: accuracy (attribute of dateOfBirth) |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:integer |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Degree to which a date value conforms to fact, specified as a range in plus (+) or minus (-) years. |
| Example: bio:accuracy="2" |
| Notes: |

| |
|--|
| XML Entity Name: address |
| XML Entity Type: Element |
| XML Schema Type: PersonLocationType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The list of addresses this person worked at.</p> |
| <p>Example: <pre><bio:address bio:type="TestString"> <fac:facilityAddress>...</fac:facilityAddress> <bio:dateRange>...</bio:dateRange> </bio:address></pre> </p> |
| <p>Notes: Parent: nonMilitaryService</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls(optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) type (required) <p>Children:</p> <ul style="list-style-type: none"> dateRange (0 to 1) |

| |
|---|
| XML Entity Name: agency |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A government organization that has specified an interest in this person, or has issued a warning or handling instructions regarding this person.</p> |
| <p>Example: <bio:agency>TestString</bio:agency></p> |
| <p>Notes: Parent: agencyInterest</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: agencyInterest |
| XML Entity Type: Element |
| XML Schema Type: AgencyInterestType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Contains elements related to the interest and handling of this person. |
| Example: <pre> <bio:agencyInterest> <bio:agency>TestString</bio:agency> <bio:handling>TestString</bio:handling> <bio:reasonWhyOnList>TestString</bio:reasonWhyOnList> <bio:warning>TestString</bio:warning> </bio:agencyInterest> </pre> |
| Notes: Parent: personInfo Children: agency (0 to unbounded) handling (0 to unbounded) reasonWhyOnList (1 to unbounded) warning (0 to unbounded) |

| |
|---|
| XML Entity Name: apparentPhysicalDisability |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: An impairment or incapacity that impedes access or performance that is apparent to an observer.</p> |
| <p>Example: <bio:apparentPhysicalDisability>TestString</bio:apparentPhysicalDisability></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: associatedPerson |
| XML Entity Type: Element |
| XML Schema Type: PersonType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <pre> <bio:associatedPerson> <bio:personInfo>...</bio:personInfo> </bio:associatedPerson> </pre> |
| Notes: Parent: associatedToPerson Children: personInfo (1 to 1) relationships (0 to unbounded) |

| |
|--|
| XML Entity Name: associatedToPerson |
| XML Entity Type: Element |
| XML Schema Type: PersonAssociationType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:associatedToPerson> <bio:associationType>...</bio:associationType> <bio:associatedPerson>...</bio:associatedPerson> <bio:dateRange>...</bio:dateRange> </bio:associatedToPerson> </pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

Children:

associatedPerson (1 to 1)

associationType (1 to 1)

dateRange (0 to 1)

| |
|--|
| XML Entity Name: associationType |
| XML Entity Type: Element |
| XML Schema Type: PersonAssociationTypeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <pre> <bio:associationType> <bio:codedType>Acquaintance</bio:codedType> </bio:associationType> </pre> |
| Notes: Parent: associatedToPerson Children: codedType (1 to 1) stringType (1 to 1) |

| |
|--|
| XML Entity Name: authority |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: Agency or organization that is the source of an IdentifyingValue. The agency, organization, or sovereign state responsible for administering a unique identifier for a person.</p> |
| <p>Example: <bio:authority>TestString</bio:authority></p> |
| <p>Notes:</p> |

| |
|--|
| XML Entity Name: awards |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Awards this person has received. |
| Example: <bio:awards>TestString</bio:awards> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: backgroundAndSkillProfile |
| XML Entity Type: Element |
| XML Schema Type: BackgroundAndSkillProfileType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:backgroundAndSkillProfile> <bio:awards>TestString</bio:awards> <bio:careerInfo>...</bio:careerInfo> <bio:comment>TestString</bio:comment> <bio:education>TestString</bio:education> <bio:honorificTitle>TestString</bio:honorificTitle> <bio:influences>TestString</bio:influences> <bio:languageSpoken>TestString</bio:languageSpoken> <bio:policeRecord>TestString</bio:policeRecord> <bio:politics>TestString</bio:politics> <bio:skill bio:vocabulary="TestString">...</bio:skill> </bio:backgroundAndSkillProfile> </pre> |
| <p>Notes:</p> <p>Parent: biographics</p> <p>Children:</p> <ul style="list-style-type: none"> awards (0 to unbounded) careerInfo (0 to 1) comment (0 to unbounded) education (0 to unbounded) honorificTitle (0 to unbounded) influences (0 to unbounded) languageSpoken (0 to unbounded) policeRecord (0 to unbounded) politics (0 to unbounded) skill (0 to unbounded) |

| |
|--|
| XML Entity Name: biographics |
| XML Entity Type: Element |
| XML Schema Type: BiographicType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Contains biographics elements. |
| Example: <pre> <bio:biographics> <bio:backgroundAndSkillProfile>...</bio:backgroundAndSkillProfile> <bio:medicalCondition>TestString</bio:medicalCondition> <bio:personLivingStatus>...</bio:personLivingStatus> <bio:physicalDescription>...</bio:physicalDescription> <bio:placeOfBirth>...</bio:placeOfBirth> </bio:biographics> </pre> |
| Notes: Parent: personInfo Children: backgroundAndSkillProfile (0 to 1) medicalCondition (0 to unbounded) personLivingStatus (0 to 1) physicalDescription (0 to 1) placeOfBirth(0 to 1) |

| |
|---|
| XML Entity Name: biometricIdentification |
| XML Entity Type: Element |
| XML Schema Type: BiometricIdentificationType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: Alphanumeric string assigned to the person by some authority in order to uniquely identify the person.</p> |
| <p>Example: <pre><bio:biometricIdentification> <bio:patronOwner>0A</bio:patronOwner> <bio:patronFormat>0A</bio:patronFormat> <bio:biometricIdentificationRecord>Cg==</bio:biometricIdentificationRecord> </bio:biometricIdentification></pre></p> |
| <p>Notes: Parent: personInfo</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) |

HORIZONTAL FUSION

TruncationIndicator (optional)

Children:

| | |
|-------------------------------|----------|
| biometricIdentificationRecord | (1 to 1) |
| patronFormat | (1 to 1) |
| patronOwner | (1 to 1) |

| |
|---|
| XML Entity Name: biometricIdentificationRecord |
| XML Entity Type: Element |
| XML Schema Type: |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: A base64 encoded block containing the biometric data. |
| Example: <bio:biometricIdentificationRecord>Cg==</bio:biometricIdentificationRecord> |
| Notes: |

| |
|---|
| XML Entity Name: bloodType |
| XML Entity Type: Element |
| XML Schema Type: BloodTypeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A code identifying a person's type of blood; e.g., A-positive, O-negative.</p> |
| <p>Example: <bio:bloodType>APositive</bio:bloodType></p> |
| <p>Notes: Allowed values:</p> <p>APositive ANegative AUnknown BPositive BNegative BUnknown OPositive ONegative OUnknown ABPositive ABUnknown ABNegative</p> <p>Parent: physicalDescription</p> <p>Attribute(s):</p> <p>classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional)</p> |

nonICmarkings (optional)
nonUSmarkings (optional)
NoteAboutMetadataTag (optional)
QualityOfMetadataTagInformation (optional)
QualityOfMetadataTagInformationCode (optional)
releasableTo (optional)
RepositoryIdentifierOfProvidingAgency (optional)
ResponsibleAgency (optional)
SCIcontrols (optional)
SourceOfDataTag (optional)
TruncationIndicator (optional)

| |
|---|
| XML Entity Name: branch |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The branch of military service this person serves or has served under. |
| Example: <code><bio:branch>TestString</bio:branch></code> |
| Notes: Parent: militaryService Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: build |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A person's physique or shape.</p> |
| <p>Example: <bio:build>TestString</bio:build></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: careerInfo |
| XML Entity Type: Element |
| XML Schema Type: CareerInfoType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:careerInfo> <bio:militaryService>...</bio:militaryService> <bio:nonMilitaryService>...</bio:nonMilitaryService> </bio:careerInfo> </pre> |
| <p>Notes:</p> <p>Parent: backgroundAndSkillProfile</p> <p>Children:</p> <ul style="list-style-type: none"> militaryService (0 to unbounded) nonMilitaryService (0 to unbounded) |

| |
|--|
| XML Entity Name: citizenship |
| XML Entity Type: Element |
| XML Schema Type: CitizenshipType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <pre> <bio:citizenship> <bio:citizenshipCountry bio:vocabulary="ISO-3">CAN</bio:citizenshipCountry> <bio:citizenshipStatus>Native</bio:citizenshipStatus> </bio:citizenship> </pre> |
| Notes: Parent: demographics Children: citizenshipCountry (1 to 1) citizenshipStatus (1 to 1) |

| |
|---|
| XML Entity Name: citizenshipCountry |
| XML Entity Type: Element |
| XML Schema Type: CountryCodeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:citizenshipCountry bio:vocabulary="ISO-3">CAN</bio:citizenshipCountry> |
| Notes: Parent: citizenship Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) vocabulary (optional) |

| |
|--|
| XML Entity Name: citizenshipStatus |
| XML Entity Type: Element |
| XML Schema Type: CitizenshipStatusType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:citizenshipStatus>Native</bio:citizenshipStatus> |
| Notes: Allowed values: Native Naturalized PermanentResidentAlienAppliedFor PermanentResidentGranted Parent: citizenship Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) |

HORIZONTAL FUSION

SCIcontrols (optional)
SourceOfDataTag (optional)
TruncationIndicator (optional)

| |
|---|
| XML Entity Name: city |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

| |
|--|
| XML Entity Name: classification |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKEN |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: CAPCO classification marking abbreviated form. |
| Example: |
| Notes: Allowed values: TS S C U nonUS Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: clothingDescription |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: A description of an article of clothing. |
| Example: <pre><bio:clothingDescription>TestString</bio:clothingDescription></pre> |
| Notes: Parent: physicalDescription Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: codedType |
| XML Entity Type: Element |
| XML Schema Type: TelephoneTokenType |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: <com:codedType>Home</com:codedType> |
| Notes: Allowed values: Home Work Mobile Fax Pager |

| |
|---|
| XML Entity Name: comment |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:comment>TestString</bio:comment> |
| Notes: Parent: personInfo Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: CreatorUserID |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: person or system that created the data |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: dateEnd |
| XML Entity Type: Element |
| XML Schema Type: BaseDateType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:dateEnd>2004-03-30-05:00</bio:dateEnd> |
| Notes: Parent: duration Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: DateInfoCutoff |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:date |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|--|
| XML Entity Name: dateOfBirth |
| XML Entity Type: Element |
| XML Schema Type: LivingStatusDateType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Calendar date (Gregorian calendar) on which a person was born. |
| Example: <pre><bio:dateOfBirth bio:accuracy="2">2004-03-30-05:00</bio:dateOfBirth></pre> |
| Notes: Parent: personLivingStatus Attribute(s): accuracy (optional) |

| |
|--|
| XML Entity Name: dateOfDeath |
| XML Entity Type: Element |
| XML Schema Type: LivingStatusDateType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Calendar date (Gregorian calendar) on which a person died or was declared legally dead. |
| Example: <code><bio:dateOfDeath bio:accuracy="2">2004-03-30-05:00</bio:dateOfDeath></code> |
| Notes: Parent: personLivingStatus Attribute(s): accuracy (optional) |

| |
|---|
| XML Entity Name: datePresent |
| XML Entity Type: Element |
| XML Schema Type: PresentDateType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| <p>Notes:</p> <p>Allowed values:</p> <p>Present</p> <p>Parent: duration</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: dateRange |
| XML Entity Type: Element |
| XML Schema Type: DateRangeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <pre> <bio:dateRange> <bio:dateStart>2004-03-30-05:00</bio:dateStart> <bio:dateEnd>2004-03-30-05:00</bio:dateEnd> </bio:dateRange> </pre> |
| Notes: Parent: associatedToPerson Children: dateEnd (1 to 1) datePresent (1 to 1) dateStart (1 to 1) |

| |
|---|
| XML Entity Name: DateReviewed |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:date |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: DateRevised |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:date |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|--|
| XML Entity Name: dateStart |
| XML Entity Type: Element |
| XML Schema Type: BaseDateType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:dateStart>2004-03-30-05:00</bio:dateStart> |
| <p>Notes: Parent: duration</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: DateValidTil |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:date |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|---|
| XML Entity Name: demographics |
| XML Entity Type: Element |
| XML Schema Type: DemographicType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Contains demographic elements. |
| Example: <pre> <bio:demographics> <bio:citizenship>...</bio:citizenship> <bio:religion>TestString</bio:religion> <bio:tribalAffiliation>TestString</bio:tribalAffiliation> </bio:demographics> </pre> |
| Notes: Parent: personInfo Children: citizenship (0 to unbounded) religion (0 to unbounded) tribalAffiliation (0 to unbounded) |

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|---|
| XML Entity Name: disseminationControls |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|--|
| XML Entity Name: duration |
| XML Entity Type: Element |
| XML Schema Type: DateRangeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The amount of time this person stayed in this position. |
| Example: <pre> <bio:duration> <bio:dateStart>2004-03-30-05:00</bio:dateStart> <bio:dateEnd>2004-03-30-05:00</bio:dateEnd> </bio:duration> </pre> |
| Notes: Parent: nonMilitaryService Children: dateEnd (1 to 1) datePresent (1 to 1) dateStart (1 to 1) |

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|---|
| XML Entity Name: education |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The highest level of education a person has obtained. |
| Example: <code><bio:education>TestString</bio:education></code> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: emailAddress |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: |
| Notes: |

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| XML Entity Name: ethnicity |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The state of belonging to a national or cultural group. |
| Example: <bio:ethnicity>TestString</bio:ethnicity> |
| Notes: Parent: physicalDescription Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: eventAt |
| XML Entity Type: Element |
| XML Schema Type: FacilityType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:eventAt> <fac:facilityAddress>...</fac:facilityAddress> </bio:eventAt></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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| XML Entity Name: eyeColor |
| XML Entity Type: Element |
| XML Schema Type: EyeColorType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A characterization of the hue, lightness and saturation of a person's iris.</p> |
| <p>Example: <bio:eyeColor>Blue</bio:eyeColor></p> |
| <p>Notes: Allowed values:</p> <ul style="list-style-type: none"> Black Blue Brown Gray Green Hazel Maroon Multicolor Pink <p>Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) |

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|---|
| XML Entity Name: facility |
| XML Entity Type: Element |
| XML Schema Type: FacilityWithAddressType |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| <p>Example:</p> <pre> <fac:facilityAddress> <fac:name>TestString</fac:name> <fac:street>TestString</fac:street> <fac:city>TestString</fac:city> <fac:state>TestString</fac:state> <fac:postalCode>TestString</fac:postalCode> <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO- 3"></ddms:countryCode> <fac:province>TestString</fac:province> </fac:facilityAddress> </pre> |
| <p>Notes:</p> <p>Children:</p> <ul style="list-style-type: none"> facilityAddress (1 to 1) facilityPlace (1 to 1) |

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|---|
| XML Entity Name: facilityAddress |
| XML Entity Type: Element |
| XML Schema Type: FacilityAddressType |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| <p>Purpose: This element is used to extend a facility to be represented by an Address instead of a FacilityType.</p> |
| <p>Example:</p> |
| <p>Notes: Parent: facility</p> <p>Children:</p> <ul style="list-style-type: none"> city (0 to 1) name(0 to 1) postalCode (0 to 1) province (0 to 1) state (0 to 1) street(0 to unbounded) |

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|---|
| XML Entity Name: facilityPlace |
| XML Entity Type: Element |
| XML Schema Type: |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: This element is used to allow reuse of the ddms:FacilityType to contain data about a facility. |
| Example: |
| Notes: |

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| XML Entity Name: FGIsorceOpen |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| <p>Notes:</p> <p>Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight</p> |

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|---|
| XML Entity Name: FGIsorceProtected |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|---|
| XML Entity Name: FullName |
| XML Entity Type: Element |
| XML Schema Type: NameBaseType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A unicode string representing the full name passed with no formatting other than delimiters to denote name part breaks.</p> |
| <p>Example: <code><bio:FullName bio:phonetic="TestString">TestString</bio:FullName></code></p> |
| <p>Notes: Parent: personName</p> <p>Attribute(s): phonetic (optional)</p> |

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|--|
| XML Entity Name: gender |
| XML Entity Type: Element |
| XML Schema Type: GenderType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The physical sexual identity of a person.</p> |
| <p>Example: <bio:gender>Male</bio:gender></p> |
| <p>Notes: Allowed values:</p> <p>Male Female Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: GivenName |
| XML Entity Type: Element |
| XML Schema Type: NameBaseType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The linguistic construct which is normally given to an individual by the individual's parent, or is chose by the individual, or by which the individual is commonly known.</p> |
| <p>Example: <code><bio:GivenName bio:phonetic="TestString">TestString</bio:GivenName></code></p> |
| <p>Notes: Parent: personName</p> <p>Attribute(s): phonetic (optional)</p> |

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| XML Entity Name: hairAppearance |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The aspect or look of a person's hair; characterization of the way in which a person's hair is cut and arranged.</p> |
| <p>Example: <bio:hairAppearance>TestString</bio:hairAppearance></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: hairColor |
| XML Entity Type: Element |
| XML Schema Type: HairColorType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The hue, lightness and saturation of a person's hair. |
| Example: <code><bio:hairColor>Black</bio:hairColor></code> |
| Notes: Allowed values: Black Blond Blue Brown Green Gray Orange Purple Pink Red Sandy StrawberryBlond White Parent: physicalDescription Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) |

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|---|
| XML Entity Name: hairFacial |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A characterization or description of a person's facial hair.</p> |
| <p>Example: <bio:hairFacial>TestString</bio:hairFacial></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: hairLength |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: An observation of the length of a person's hair.</p> |
| <p>Example: <bio:hairLength>TestString</bio:hairLength></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: handling |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Actions for a specific organization or designated agency to take on contact with person. |
| Example: <pre><bio:handling>TestString</bio:handling></pre> |
| Notes: Parent: agencyInterest Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: hasOrUsesAccount |
| XML Entity Type: Element |
| XML Schema Type: AccountType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:hasOrUsesAccount> <acct:account>...</acct:account> </bio:hasOrUsesAccount></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: hasOrUsesCommunicationNode |
| XML Entity Type: Element |
| XML Schema Type: CommunicationNodeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:hasOrUsesCommunicationNode> <com:telephoneNumber>...</com:telephoneNumber> </bio:hasOrUsesCommunicationNode></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: hasOrUsesMateriel |
| XML Entity Type: Element |
| XML Schema Type: MaterielType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:hasOrUsesMateriel> <mat:materiel>...</mat:materiel> </bio:hasOrUsesMateriel></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: height |
| XML Entity Type: Element |
| XML Schema Type: HeightType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A measurement of the height of a person in centimeters.</p> |
| <p>Example: <bio:height bio:accuracy="2">300.3</bio:height></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> accuracy (optional) classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: honorificTitle |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: An honorary title this person has or referred to by.</p> |
| <p>Example: <bio:honorificTitle>TestString</bio:honorificTitle></p> |
| <p>Notes: Parent: backgroundAndSkillProfile</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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| XML Entity Name: influences |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:influences>TestString</bio:influences> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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| XML Entity Name: languageSpoken |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Natural language spoken by a person. |
| Example: <code><bio:languageSpoken>TestString</bio:languageSpoken></code> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: livesAt |
| XML Entity Type: Element |
| XML Schema Type: FacilityType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:livesAt> <fac:facilityAddress>...</fac:facilityAddress> </bio:livesAt></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: materiel |
| XML Entity Type: Element |
| XML Schema Type: MaterielType |
| XML Namespace: http://www.dod.mil/materiel/1.0/materiel# |
| Purpose: |
| Example: <pre> <mat:materiel> <mat:identifier>...</mat:identifier> <mat:description>TestString</mat:description> </mat:materiel> </pre> |
| Notes: Children: description (1 to 1) identifier (0 to unbounded) |

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|--|
| XML Entity Name: medicalCondition |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: Characteristics about a person's specific medical condition that can be verified by a physician.</p> |
| <p>Example: <bio:medicalCondition>TestString</bio:medicalCondition></p> |
| <p>Notes: Parent: biographics</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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| XML Entity Name: militaryService |
| XML Entity Type: Element |
| XML Schema Type: MilitaryServiceType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: Information about this person's military career. |
| Example: <pre> <bio:militaryService> <bio:rank>TestString</bio:rank> <bio:USRankEquivalent>TestString</bio:USRankEquivalent> <bio:branch>TestString</bio:branch> <bio:duration>...</bio:duration> <bio:address bio:type="TestString">...</bio:address> <bio:comment>TestString</bio:comment> </bio:militaryService> </pre> |
| Notes: Parent: careerInfo Children: address (0 to unbounded) branch (0 to 1) comment (0 to 1) duration (0 to 1) predecessor (0 to 1) rank (0 to 1) USRankEquivalent (0 to 1) |

| |
|--|
| XML Entity Name: mimeType (attribute of photo) |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:mimeType="TestString" |
| Notes: |

| |
|---|
| XML Entity Name: name |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

| |
|--|
| XML Entity Name: NamePrefix |
| XML Entity Type: Element |
| XML Schema Type: NameBaseType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A title placed before a person's name.</p> |
| <p>Example: <bio:NamePrefix bio:phonetic="TestString">TestString</bio:NamePrefix></p> |
| <p>Notes: Parent: personName</p> <p>Attribute(s): phonetic (optional)</p> |

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|--|
| XML Entity Name: NameSuffix |
| XML Entity Type: Element |
| XML Schema Type: NameBaseType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A qualifier placed after a person's name.</p> |
| <p>Example: <bio:NameSuffix bio:phonetic="TestString">TestString</bio:NameSuffix></p> |
| <p>Notes: Parent: personName</p> <p>Attribute(s): phonetic (optional)</p> |

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|--|
| XML Entity Name: nonICmarkings |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| <p>Notes:</p> <p>Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight</p> |

| | | | | | | | | | | |
|--|------------------|------------------|---------|----------|----------|----------|----------|----------|----------------------|----------|
| XML Entity Name: nonMilitaryService | | | | | | | | | | |
| XML Entity Type: Element | | | | | | | | | | |
| XML Schema Type: NonMilitaryServiceType | | | | | | | | | | |
| XML Namespace: http://www.dod.mil/bio/1.0/person# | | | | | | | | | | |
| <p>Purpose: Information about any non-military career activities such as civil service, contracting, commercial industry, factory worker, etc.</p> | | | | | | | | | | |
| <p>Example: <pre> <bio:nonMilitaryService> <bio:position>TestString</bio:position> <bio:USPositionEquivalent>TestString</bio:USPositionEquivalent> <bio:duration>...</bio:duration> <bio:address bio:type="TestString">...</bio:address> <bio:comment>TestString</bio:comment> </bio:nonMilitaryService> </pre> </p> | | | | | | | | | | |
| <p>Notes: Parent: careerInfo</p> <p>Children:</p> <table> <tr> <td>address</td> <td>(0 to unbounded)</td> </tr> <tr> <td>comment</td> <td>(0 to 1)</td> </tr> <tr> <td>duration</td> <td>(0 to 1)</td> </tr> <tr> <td>position</td> <td>(0 to 1)</td> </tr> <tr> <td>USPositionEquivalent</td> <td>(0 to 1)</td> </tr> </table> | address | (0 to unbounded) | comment | (0 to 1) | duration | (0 to 1) | position | (0 to 1) | USPositionEquivalent | (0 to 1) |
| address | (0 to unbounded) | | | | | | | | | |
| comment | (0 to 1) | | | | | | | | | |
| duration | (0 to 1) | | | | | | | | | |
| position | (0 to 1) | | | | | | | | | |
| USPositionEquivalent | (0 to 1) | | | | | | | | | |

| |
|--|
| XML Entity Name: nonUSmarkings |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| <p>Notes:</p> <p>Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight</p> |

| |
|---|
| XML Entity Name: NoteAboutMetadataTag |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: additional information about the tag itself such as special concerns or questions |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: patronFormat |
| XML Entity Type: Element |
| XML Schema Type: |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: A hexadecimal code the format of the biometric data. |
| Example: <bio:patronFormat>0A</bio:patronFormat> |
| Notes: |

| |
|---|
| XML Entity Name: patronOwner |
| XML Entity Type: Element |
| XML Schema Type: |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: A hexadecimal code indicating the owner of this format. |
| Example: <bio:patronOwner>0A</bio:patronOwner> |
| Notes: |

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|--|
| XML Entity Name: person |
| XML Entity Type: Element |
| XML Schema Type: PersonType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: |
| Notes: Parent: predecessor Children: personInfo (1 to 1) relationships (0 to unbounded) |

| |
|---|
| XML Entity Name: personIdentifier |
| XML Entity Type: Element |
| XML Schema Type: PersonIdentifierType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: Alphanumeric string assigned to the person by some authority in order to uniquely identify the person.</p> |
| <p>Example: <pre><bio:personIdentifier> <bio:type>...</bio:type> <bio:value>TestString</bio:value> <bio:authority>TestString</bio:authority> </bio:personIdentifier></pre></p> |
| <p>Notes: Parent: personInfo</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) |

HORIZONTAL FUSION

TruncationIndicator (optional)

Children:

authority (1 to 1)

type (1 to 1)

value(1 to 1)

| |
|--|
| XML Entity Name: personInfo |
| XML Entity Type: Element |
| XML Schema Type: PersonInfoType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:personInfo> <bio:agencyInterest>...</bio:agencyInterest> <bio:biographics>...</bio:biographics> <bio:biometricIdentification>...</bio:biometricIdentification> <bio:comment>TestString</bio:comment> <bio:demographics>...</bio:demographics> <bio:personIdentifier>...</bio:personIdentifier> <bio:personName bio:type="ProvidedName">...</bio:personName> </bio:personInfo> </pre> |
| <p>Notes:</p> <p>Parent: person</p> <p>Children:</p> <ul style="list-style-type: none"> agencyInterest (0 to 1) biographics (0 to 1) biometricIdentification (0 to unbounded) comment (0 to unbounded) demographics (0 to 1) personIdentifier (0 to unbounded) personName (0 to unbounded) |

| |
|--|
| XML Entity Name: personLivingStatus |
| XML Entity Type: Element |
| XML Schema Type: PersonLivingStatusType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:personLivingStatus> <bio:dateOfBirth bio:accuracy="2">2004-03-30-05:00</bio:dateOfBirth> <bio:dateOfDeath bio:accuracy="2">2004-03-30-05:00</bio:dateOfDeath> </bio:personLivingStatus> </pre> |
| <p>Notes:</p> <p>Parent: biographics</p> <p>Children:</p> <ul style="list-style-type: none"> dateOfBirth (0 to 1) dateOfDeath (0 to 1) |

| |
|--|
| XML Entity Name: personName |
| XML Entity Type: Element |
| XML Schema Type: PersonNameType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The name of the person. |
| Example: <pre> <bio:personName bio:type="ProvidedName"> <bio:FullName bio:phonetic="TestString">TestString</bio:FullName> <bio:NamePrefix bio:phonetic="TestString">TestString</bio:NamePrefix> <bio:GivenName bio:phonetic="TestString">TestString</bio:GivenName> <bio:Surname bio:phonetic="TestString">TestString</bio:Surname> <bio:NameSuffix bio:phonetic="TestString">TestString</bio:NameSuffix> </bio:personName> </pre> |
| Notes: Parent: personInfo Attribute(s): <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) |

SourceOfDataTag (optional)
TruncationIndicator (optional)
type (required)

Children:

FullName (1 to 1)
GivenName (0 to 1)
NamePrefix (0 to 1)
NameSuffix (0 to 1)
Surname (0 to 1)

| |
|---|
| XML Entity Name: phonetic (attribute of FullName) |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:phonetic="TestString" |
| Notes: |

| |
|--|
| XML Entity Name: photo |
| XML Entity Type: Element |
| XML Schema Type: EmbeddedMimeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A photographic image of a person.</p> |
| <p>Example: <bio:photo bio:mimeType="TestString">Cg===</bio:photo></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) mimeType (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: photoReference |
| XML Entity Type: Element |
| XML Schema Type: BaseURIType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: An identifier defining where the photo can be accessed.</p> |
| <p>Example: <bio:photoReference>TestString</bio:photoReference></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: physicalCharacteristic |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A visible, atypical distinguishing trait, property or quality of a person to include distinguishing features such as scars, marks, and tattoos.</p> |
| <p>Example: <bio:physicalCharacteristic>TestString</bio:physicalCharacteristic></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: physicalDescription |
| XML Entity Type: Element |
| XML Schema Type: PhysicalDescriptionType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:physicalDescription> <bio:apparentPhysicalDisability>TestString</bio:apparentPhysicalDisability> <bio:bloodType>APositive</bio:bloodType> <bio:build>TestString</bio:build> <bio:clothingDescription>TestString</bio:clothingDescription> <bio:ethnicity>TestString</bio:ethnicity> <bio:eyeColor>Blue</bio:eyeColor> <bio:gender>Male</bio:gender> <bio:hairAppearance>TestString</bio:hairAppearance> <bio:hairColor>Black</bio:hairColor> <bio:hairFacial>TestString</bio:hairFacial> <bio:hairLength>TestString</bio:hairLength> <bio:height bio:accuracy="2">300.3</bio:height> <bio:photo bio:mimeType="TestString">Cg==</bio:photo> <bio:photoReference>TestString</bio:photoReference> <bio:physicalCharacteristic>TestString</bio:physicalCharacteristic> <bio:race>White</bio:race> <bio:weight bio:accuracy="2">300.3</bio:weight> </bio:physicalDescription> </pre> |
| <p>Notes:</p> <p>Parent: biographics</p> <p>Children:</p> <ul style="list-style-type: none"> apparentPhysicalDisability (0 to unbounded) bloodType (0 to 1) build (0 to unbounded) clothingDescription (0 to unbounded) ethnicity (0 to unbounded) eyeColor (0 to 1) gender (0 to 1) |

HORIZONTAL FUSION

hairAppearance (0 to unbounded)
hairColor (0 to 1)
hairFacial (0 to unbounded)
hairLength (0 to unbounded)
height (0 to 1)
photo (0 to unbounded)
photoReference (0 to unbounded)
physicalCharacteristic (0 to unbounded)
race (0 to 1)
weight (0 to 1)

| |
|---|
| XML Entity Name: placeOfBirth |
| XML Entity Type: Element |
| XML Schema Type: PlaceOfBirthType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The country, state or province, and city (or other jurisdiction) where a person was born.</p> |
| <p>Example:</p> <pre> <bio:placeOfBirth> <fac:name>TestString</fac:name> <fac:street>TestString</fac:street> <fac:city>TestString</fac:city> <fac:state>TestString</fac:state> <fac:postalCode>TestString</fac:postalCode> <ddms:countryCode ddms:value="CAN" ddms:qualifier="ISO- 3"></ddms:countryCode> <fac:province>TestString</fac:province> </bio:placeOfBirth> </pre> |
| <p>Notes: Parent: biographics</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) |

HORIZONTAL FUSION

RepositoryIdentifierOfProvidingAgency (optional)
ResponsibleAgency (optional)
SCIcontrols (optional)
SourceOfDataTag (optional)
TruncationIndicator (optional)

| |
|---|
| XML Entity Name: policeRecord |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: Information from this person's police record.</p> |
| <p>Example: <bio:policeRecord>TestString</bio:policeRecord></p> |
| <p>Notes: Parent: backgroundAndSkillProfile</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: politics |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:politics>TestString</bio:politics> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|--|
| XML Entity Name: position |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The position of the individual. |
| Example: <code><bio:position>TestString</bio:position></code> |
| Notes: Parent: nonMilitaryService Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: postalCode |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

| |
|---|
| XML Entity Name: predecessor |
| XML Entity Type: Element |
| XML Schema Type: PredecessorType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The person who held this rank before this person did. |
| Example: |
| Notes: Parent: militaryService Children: person (1 to 1) |

| |
|---|
| XML Entity Name: province |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

| |
|---|
| XML Entity Name: QualityOfMetadataTagInformation |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: confidence factor in the validity or accuracy of the tag, a quantification of the trustworthiness of the data, captured at a specific date and time |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|--|
| XML Entity Name: QualityOfMetadataTagInformationCode |
| XML Entity Type: Attribute |
| XML Schema Type: QualityOfMetadataTagInformationCodeType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: confidence factor in the validity or accuracy of the tag, a quantification of the trustworthiness of the data, captured at a specific date and time, depicted with a coded value</p> |
| <p>Example:</p> |
| <p>Notes: Allowed values:</p> <p>Confirmed Probable</p> <p>Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight</p> |

| |
|---|
| XML Entity Name: race |
| XML Entity Type: Element |
| XML Schema Type: RaceType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A characterization of a person based on genetically-transmitted physical characteristics, common history, nationality, or geographical distribution.</p> |
| <p>Example: <bio:race>White</bio:race></p> |
| <p>Notes: Allowed values:</p> <p>AmericanIndian Asian AlaskanNative PacificIslander Black White</p> <p>Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) |

HORIZONTAL FUSION

releasableTo (optional)
RepositoryIdentifierOfProvidingAgency (optional)
ResponsibleAgency (optional)
SCIcontrols (optional)
SourceOfDataTag (optional)
TruncationIndicator (optional)

| |
|--|
| XML Entity Name: rank |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The military rank of the individual. |
| Example: <pre><bio:rank>TestString</bio:rank></pre> |
| Notes: Parent: militaryService Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: reasonWhyOnList |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The reason that the person has been added to a terrorist watch list by a government organization.</p> |
| <p>Example: <bio:reasonWhyOnList>TestString</bio:reasonWhyOnList></p> |
| <p>Notes: Parent: agencyInterest</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

| |
|---|
| XML Entity Name: relationships |
| XML Entity Type: Element |
| XML Schema Type: RelationshipType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre> <bio:relationships> <bio:hasOrUsesCommunicationNode>...</bio:hasOrUsesCommunicationNode> <bio:hasOrUsesAccount>...</bio:hasOrUsesAccount> <bio:hasOrUsesMateriel>...</bio:hasOrUsesMateriel> <bio:livesAt>...</bio:livesAt> <bio:worksAt>...</bio:worksAt> <bio:eventAt>...</bio:eventAt> <bio:associatedToPerson>...</bio:associatedToPerson> </bio:relationships> </pre> |
| <p>Notes:</p> <p>Parent: person</p> <p>Children:</p> <ul style="list-style-type: none"> associatedToPerson (0 to unbounded) eventAt (0 to unbounded) hasOrUsesAccount (0 to unbounded) hasOrUsesCommunicationNode (0 to unbounded) hasOrUsesMateriel (0 to unbounded) livesAt (0 to unbounded) worksAt (0 to unbounded) |

| |
|---|
| XML Entity Name: releasableTo |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|--|
| XML Entity Name: religion |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:religion>TestString</bio:religion> |
| Notes: Parent: demographics Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: RepositoryIdentifierOfProvidingAgency |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: the name of the computer system repository from which the tag came |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: ResponsibleAgency |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: e.g. agency with stewardship, ownership, or agency with an equity in the data |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

| |
|---|
| XML Entity Name: SCIcontrls |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:NMTOKENS |
| XML Namespace: urn:us:gov:ic:ism |
| Purpose: |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|--|
| XML Entity Name: skill |
| XML Entity Type: Element |
| XML Schema Type: SkillType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: A skill possessed by this person. |
| Example: <pre><bio:skill bio:vocabulary="TestString"> <bio:skillDescription>TestString</bio:skillDescription> <bio:skillLevel>TestString</bio:skillLevel> </bio:skill></pre> |
| Notes: Parent: backgroundAndSkillProfile Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourcesOpen (optional) FGIsourcesProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) vocabulary (optional) Children: skillDescription (1 to 1) skillLevel (1 to 1) |

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|---|
| XML Entity Name: skillDescription |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:skillDescription>TestString</bio:skillDescription> |
| Notes: |

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|---|
| XML Entity Name: skillLevel |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:skillLevel>TestString</bio:skillLevel> |
| Notes: |

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|---|
| XML Entity Name: SourceOfDataTag |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: the original source of the data such as an informant, a news article, covert source, or intercept |
| Example: |
| Notes: Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight |

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|---|
| XML Entity Name: state |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

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|---|
| XML Entity Name: street |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/facility/1.0/facility# |
| Purpose: |
| Example: |
| Notes: |

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|---|
| XML Entity Name: stringType |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: |
| Notes: |

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|--|
| XML Entity Name: Surname |
| XML Entity Type: Element |
| XML Schema Type: NameBaseType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: The linguistic construct which is inherited by an individual from the individual's parent or assumed by marriage or by which the individual is commonly known. One's family name. All name parts in the surname field of a parsed FullNameString object.</p> |
| <p>Example: <code><bio:Surname bio:phonetic="TestString">TestString</bio:Surname></code></p> |
| <p>Notes: Parent: personName</p> <p>Attribute(s): phonetic (optional)</p> |

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|--|
| XML Entity Name: telephoneNumber |
| XML Entity Type: Element |
| XML Schema Type: TelephoneType |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: <pre> <com:telephoneNumber> <com:type>...</com:type> <com:value>11-888-123-4567</com:value> </com:telephoneNumber> </pre> |
| Notes: Children: type (1 to 1) value(1 to 1) |

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|--|
| XML Entity Name: tribalAffiliation |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: <bio:tribalAffiliation>TestString</bio:tribalAffiliation> |
| <p>Notes: Parent: demographics</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGISourceOpen (optional) FGISourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: TruncationIndicator |
| XML Entity Type: Attribute |
| XML Schema Type: |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: to alert the receiver of the tag information that the information included in the tag has been truncated</p> |
| <p>Example:</p> |
| <p>Notes:</p> <p>Applies to elements: address, agency, associatedToPerson, biometricIdentification, bloodType, citizenshipCountry, citizenshipStatus, datePresent, dateStart, eyeColor, gender, hairColor, hasOrUsesAccount, hasOrUsesCommunicationNode, hasOrUsesMateriel, height, livesAt, personIdentifier, personName, photo, photoReference, placeOfBirth, race, skill, weight</p> |

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|--|
| XML Entity Name: type |
| XML Entity Type: Element |
| XML Schema Type: TelephoneTypeType |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: <pre> <com:type> <com:codedType>Home</com:codedType> </com:type> </pre> |
| Notes: Parent: telephoneNumber Children: codedType (1 to 1) stringType (1 to 1) |

| |
|---|
| XML Entity Name: type (attribute of address) |
| XML Entity Type: Attribute |
| XML Schema Type: PersonLocationTokenType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:type="TestString" |
| Notes: Allowed values: HomeAddress WorkAddress SeenAtAddress |

| |
|---|
| XML Entity Name: type (attribute of personName) |
| XML Entity Type: Attribute |
| XML Schema Type: PersonNameTokenType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:type="ProvidedName" |
| Notes: Allowed values: ProvidedName Alias AKA AliasOrAKA Variant |

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|--|
| XML Entity Name: USPositionEquivalent |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: An equivalent position in the United States.</p> |
| <p>Example: <bio:USPositionEquivalent>TestString</bio:USPositionEquivalent></p> |
| <p>Notes: Parent: nonMilitaryService</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: USRankEquivalent |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: The equivalent rank in the US military. |
| Example: <pre><bio:USRankEquivalent>TestString</bio:USRankEquivalent></pre> |
| Notes: Parent: militaryService Attribute(s): classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: value |
| XML Entity Type: Element |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/communication/1.0/communicationNode# |
| Purpose: |
| Example: <com:value>11-888-123-4567</com:value> |
| Notes: |

| |
|---|
| XML Entity Name: vocabulary (attribute of citizenshipCountry) |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:token |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:vocabulary="ISO-3" |
| Notes: Allowed values: FIPS ISO-3 |

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|---|
| XML Entity Name: vocabulary (attribute of skill) |
| XML Entity Type: Attribute |
| XML Schema Type: xsd:string |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| Example: bio:vocabulary="TestString" |
| Notes: |

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|---|
| XML Entity Name: warning |
| XML Entity Type: Element |
| XML Schema Type: BaseStringType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A warning, caution, qualifier or explanation, A caution about the person's potential for dangerous behavior when contacted.</p> |
| <p>Example: <bio:warning>TestString</bio:warning></p> |
| <p>Notes: Parent: agencyInterest</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|---|
| XML Entity Name: weight |
| XML Entity Type: Element |
| XML Schema Type: WeightType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| <p>Purpose: A person's weight in kilograms (KG). The quantity of heaviness; comparative tendency to the center of the earth; the quantity of matter as estimated by the balance, or expressed numerically with reference to some standard unit; as, a mass of stone having the weight of five hundred pounds.</p> |
| <p>Example: <bio:weight bio:accuracy="2">300.3</bio:weight></p> |
| <p>Notes: Parent: physicalDescription</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> accuracy (optional) classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsorceOpen (optional) FGIsorceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |

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|--|
| XML Entity Name: worksAt |
| XML Entity Type: Element |
| XML Schema Type: FacilityType |
| XML Namespace: http://www.dod.mil/bio/1.0/person# |
| Purpose: |
| <p>Example:</p> <pre><bio:worksAt> <fac:facilityAddress>...</fac:facilityAddress> </bio:worksAt></pre> |
| <p>Notes:</p> <p>Parent: relationships</p> <p>Attribute(s):</p> <ul style="list-style-type: none"> classification (optional) CreatorUserID (optional) DateInfoCutoff (optional) DateReviewed (optional) DateRevised (optional) DateStart (optional) DateValidTil (optional) disseminationControls (optional) FGIsourceOpen (optional) FGIsourceProtected (optional) nonICmarkings (optional) nonUSmarkings (optional) NoteAboutMetadataTag (optional) QualityOfMetadataTagInformation (optional) QualityOfMetadataTagInformationCode (optional) releasableTo (optional) RepositoryIdentifierOfProvidingAgency (optional) ResponsibleAgency (optional) SCIcontrols (optional) SourceOfDataTag (optional) TruncationIndicator (optional) |